

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080730.D
 Acq On : 22 Jan 2024 09:50
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 01/23/2024

Supervised By :Mahesh
 Dadoda
 01/23/2024

Quant Time: Jan 23 01:49:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	182439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	365194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145793	45.506	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.020%		
35) Dibromofluoromethane	8.165	113	109764	52.900	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.800%		
50) Toluene-d8	10.565	98	438752	55.455	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	110.900%		
62) 4-Bromofluorobenzene	12.847	95	149905	49.408	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	123905	41.804	ug/l	99
3) Chloromethane	2.359	50	177093	52.898	ug/l	99
4) Vinyl Chloride	2.518	62	140916	52.402	ug/l	93
5) Bromomethane	2.953	94	51412	50.300	ug/l	96
6) Chloroethane	3.124	64	75191	52.158	ug/l	97
7) Trichlorofluoromethane	3.500	101	184229	41.485	ug/l	97
8) Diethyl Ether	3.959	74	86447	44.542	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.371	101	111004	45.860	ug/l	93
10) Methyl Iodide	4.589	142	98335	48.585	ug/l	95
11) Tert butyl alcohol	5.512	59	91035	168.016	ug/l	99
12) 1,1-Dichloroethene	4.342	96	119962	44.042	ug/l #	81
13) Acrolein	4.171	56	113869	251.521	ug/l	100
14) Allyl chloride	5.018	41	236802	43.856	ug/l #	92
15) Acrylonitrile	5.706	53	312141	220.611	ug/l	99
16) Acetone	4.424	43	171989	163.514	ug/l	97
17) Carbon Disulfide	4.712	76	356565	42.800	ug/l	98
18) Methyl Acetate	5.018	43	146113	46.649	ug/l #	80
19) Methyl tert-butyl Ether	5.783	73	415115	44.228	ug/l	93
20) Methylene Chloride	5.277	84	138261	45.027	ug/l #	79
21) trans-1,2-Dichloroethene	5.777	96	126726	45.868	ug/l #	76
22) Diisopropyl ether	6.665	45	519047	50.978	ug/l #	86
23) Vinyl Acetate	6.600	43	1962983	236.873	ug/l #	84
24) 1,1-Dichloroethane	6.565	63	266260	47.772	ug/l	98
25) 2-Butanone	7.471	43	381922	200.876	ug/l #	74
26) 2,2-Dichloropropane	7.483	77	225698	46.302	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	147476	48.421	ug/l	76
28) Bromochloromethane	7.812	49	129086	49.541	ug/l #	62
29) Tetrahydrofuran	7.830	42	266432	207.906	ug/l #	72
30) Chloroform	7.965	83	245845	47.051	ug/l	95
31) Cyclohexane	8.253	56	223626	45.179	ug/l #	80
32) 1,1,1-Trichloroethane	8.165	97	204179	43.899	ug/l #	91
36) 1,1-Dichloropropene	8.371	75	196001	46.114	ug/l	93
37) Ethyl Acetate	7.553	43	169926	41.228	ug/l #	91
38) Carbon Tetrachloride	8.359	117	163170	42.756	ug/l	89
39) Methylcyclohexane	9.600	83	191751	47.142	ug/l #	80
40) Benzene	8.606	78	588898	49.286	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.771	41	100975	42.236	ug/l	#	82
42) 1,2-Dichloroethane	8.671	62	196046	42.857	ug/l		98
43) Isopropyl Acetate	8.682	43	324186	42.791	ug/l	#	89
44) Trichloroethene	9.353	130	127948	47.301	ug/l		93
45) 1,2-Dichloropropane	9.618	63	160887	50.788	ug/l		96
46) Dibromomethane	9.712	93	90425	45.117	ug/l		94
47) Bromodichloromethane	9.888	83	195943	44.048	ug/l		96
48) Methyl methacrylate	9.677	41	153948	42.920	ug/l	#	75
49) 1,4-Dioxane	9.694	88	33759	755.359	ug/l	#	72
51) 4-Methyl-2-Pentanone	10.441	43	869261	212.680	ug/l		87
52) Toluene	10.629	92	335863	49.060	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	231188	46.823	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	258042	49.281	ug/l	#	80
55) 1,1,2-Trichloroethane	11.018	97	126382	47.962	ug/l		96
56) Ethyl methacrylate	10.871	69	210988	44.704	ug/l	#	80
57) 1,3-Dichloropropane	11.159	76	235860	49.029	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	518337	229.293	ug/l	#	85
59) 2-Hexanone	11.194	43	658538	218.260	ug/l		85
60) Dibromochloromethane	11.359	129	124548	45.990	ug/l		99
61) 1,2-Dibromoethane	11.471	107	119590	46.168	ug/l		96
64) Tetrachloroethene	11.100	164	95912	44.759	ug/l		96
65) Chlorobenzene	11.894	112	327005	47.967	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	114257	47.205	ug/l		98
67) Ethyl Benzene	11.965	91	627999	48.242	ug/l		95
68) m/p-Xylenes	12.070	106	451590	98.673	ug/l		90
69) o-Xylene	12.400	106	218253	48.773	ug/l		88
70) Styrene	12.412	104	375925	49.472	ug/l		96
71) Bromoform	12.576	173	74699	44.859	ug/l	#	99
73) Isopropylbenzene	12.694	105	537145	48.062	ug/l		99
74) N-amyl acetate	12.494	43	291445	43.454	ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	163593	44.623	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	159494m	44.009	ug/l		
77) Bromobenzene	12.976	156	111316	46.894	ug/l		76
78) n-propylbenzene	13.035	91	649740	47.392	ug/l		95
79) 2-Chlorotoluene	13.123	91	402508	45.812	ug/l		93
80) 1,3,5-Trimethylbenzene	13.170	105	441097	47.358	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	69778	45.390	ug/l	#	89
82) 4-Chlorotoluene	13.223	91	396844	46.073	ug/l		94
83) tert-Butylbenzene	13.435	119	343947	46.192	ug/l		95
84) 1,2,4-Trimethylbenzene	13.482	105	433384	47.320	ug/l		99
85) sec-Butylbenzene	13.617	105	505488	47.779	ug/l		97
86) p-Isopropyltoluene	13.729	119	392394	46.962	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	201210	47.457	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	205576	47.594	ug/l		96
89) n-Butylbenzene	14.053	91	382350	47.474	ug/l		97
90) Hexachloroethane	14.329	117	71195	45.946	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	196170	49.101	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29565	35.124	ug/l		86
93) 1,2,4-Trichlorobenzene	15.394	180	95188	45.747	ug/l		96
94) Hexachlorobutadiene	15.500	225	40378	40.436	ug/l		98
95) Naphthalene	15.641	128	333233	40.693	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	86082	42.740	ug/l		94

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VSTDCCC050

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Compound	R.T.	QI	on	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

