

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
 Data File : VN081581.D
 Acq On : 27 Mar 2024 12:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 28 01:24:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/28/2024
 Supervised By : Mahesh Dadoda 03/28/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	341509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	591356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	545391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	267921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209485	48.101	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.200%		
35) Dibromofluoromethane	8.165	113	189577	50.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.600%		
50) Toluene-d8	10.565	98	658015	48.775	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.540%		
62) 4-Bromofluorobenzene	12.847	95	242247	50.960	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	101.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	238923	51.958	ug/l	95
3) Chloromethane	2.359	50	231796	50.628	ug/l	94
4) Vinyl Chloride	2.518	62	277881	54.082	ug/l	95
5) Bromomethane	2.954	94	197109	54.243	ug/l	95
6) Chloroethane	3.124	64	193822	54.940	ug/l	97
7) Trichlorofluoromethane	3.501	101	434274	56.711	ug/l	95
8) Diethyl Ether	3.959	74	147763	58.306	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	247413	56.862	ug/l #	89
10) Methyl Iodide	4.595	142	271537	62.667	ug/l	99
11) Tert butyl alcohol	5.518	59	215760	284.283	ug/l	100
12) 1,1-Dichloroethene	4.342	96	226438	56.183	ug/l	85
13) Acrolein	4.177	56	207403	304.541	ug/l	99
14) Allyl chloride	5.024	41	275962	54.643	ug/l #	86
15) Acrylonitrile	5.718	53	556011	273.840	ug/l	98
16) Acetone	4.418	43	366992	260.744	ug/l	95
17) Carbon Disulfide	4.718	76	570346	49.313	ug/l	99
18) Methyl Acetate	5.024	43	259264	59.749	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	770409	61.078	ug/l	99
20) Methylene Chloride	5.283	84	269531	58.461	ug/l	85
21) trans-1,2-Dichloroethene	5.789	96	253440	56.398	ug/l	86
22) Diisopropyl ether	6.665	45	740189	63.078	ug/l #	91
23) Vinyl Acetate	6.600	43	2731771	292.469	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	459022	58.403	ug/l	98
25) 2-Butanone	7.483	43	638326	264.414	ug/l #	88
26) 2,2-Dichloropropane	7.489	77	395194	57.973	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	308273	60.630	ug/l	83
28) Bromochloromethane	7.812	49	165424	51.675	ug/l #	52
29) Tetrahydrofuran	7.836	42	441161	271.265	ug/l #	79
30) Chloroform	7.965	83	502158	59.682	ug/l	94
31) Cyclohexane	8.259	56	364617	51.449	ug/l #	71
32) 1,1,1-Trichloroethane	8.171	97	454666	59.561	ug/l #	91
36) 1,1-Dichloropropene	8.371	75	355915	56.669	ug/l	95
37) Ethyl Acetate	7.559	43	278404	51.766	ug/l	98
38) Carbon Tetrachloride	8.359	117	397624	57.793	ug/l	98
39) Methylcyclohexane	9.606	83	406841	58.006	ug/l #	84
40) Benzene	8.606	78	1074360	58.511	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	162061	56.980	ug/l	90
42) 1,2-Dichloroethane	8.671	62	375825	58.160	ug/l	97
43) Isopropyl Acetate	8.688	43	485784	54.492	ug/l #	89
44) Trichloroethene	9.353	130	296501	57.414	ug/l	93
45) 1,2-Dichloropropane	9.624	63	269887	60.648	ug/l	97
46) Dibromomethane	9.712	93	201167	59.526	ug/l #	88
47) Bromodichloromethane	9.888	83	416975	63.107	ug/l #	95
48) Methyl methacrylate	9.683	41	227784	55.397	ug/l #	82
49) 1,4-Dioxane	9.694	88	97296	984.639	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1483772	272.766	ug/l	91
52) Toluene	10.630	92	698735	59.871	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	429523	60.201	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	460904	60.252	ug/l	88
55) 1,1,2-Trichloroethane	11.018	97	284150	60.499	ug/l	92
56) Ethyl methacrylate	10.877	69	388801	54.992	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	474169	61.584	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	855626	289.520	ug/l #	85
59) 2-Hexanone	11.194	43	1080321	268.616	ug/l	90
60) Dibromochloromethane	11.359	129	317589	61.485	ug/l	100
61) 1,2-Dibromoethane	11.471	107	292091	60.999	ug/l	99
64) Tetrachloroethene	11.106	164	298734	57.303	ug/l	91
65) Chlorobenzene	11.894	112	753971	58.479	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	295789	61.900	ug/l	97
67) Ethyl Benzene	11.965	91	1353459	60.433	ug/l	97
68) m/p-Xylenes	12.071	106	1062775	126.582	ug/l	92
69) o-Xylene	12.400	106	520517	63.150	ug/l	91
70) Styrene	12.412	104	853614	64.212	ug/l	95
71) Bromoform	12.582	173	216414	60.268	ug/l #	99
73) Isopropylbenzene	12.694	105	1333308	58.381	ug/l	98
74) N-amyl acetate	12.494	43	448196	54.230	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	362805	54.032	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	327893m	51.163	ug/l	
77) Bromobenzene	12.982	156	322806	57.219	ug/l	69
78) n-propylbenzene	13.035	91	1594479	59.120	ug/l	95
79) 2-Chlorotoluene	13.123	91	944891	58.536	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	1146786	60.796	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	132357	55.809	ug/l	98
82) 4-Chlorotoluene	13.223	91	926815	58.237	ug/l	93
83) tert-Butylbenzene	13.441	119	965227	59.340	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	1155808	60.965	ug/l	94
85) sec-Butylbenzene	13.618	105	1385103	59.566	ug/l	93
86) p-Isopropyltoluene	13.729	119	1160375	61.046	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	610532	58.902	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	609495	56.788	ug/l	96
89) n-Butylbenzene	14.059	91	1012721	60.084	ug/l	97
90) Hexachloroethane	14.335	117	211719	58.813	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	588593	58.998	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	70370	49.244	ug/l	64
93) 1,2,4-Trichlorobenzene	15.394	180	330313	57.261	ug/l	97
94) Hexachlorobutadiene	15.500	225	135560	53.560	ug/l	95
95) Naphthalene	15.641	128	1073745	57.445	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	334215	57.600	ug/l	99

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QLast Update : Tue Mar 19 06:00:00 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

