

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110424\
 Data File : VN084671.D
 Acq On : 04 Nov 2024 20:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/05/2024
 Supervised By : Mahesh Dadoda 11/05/2024

Quant Time: Nov 05 00:36:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	178308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142848	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	130175	50.546	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.100%
35) Dibromofluoromethane	8.165	113	104268	49.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.840%
50) Toluene-d8	10.565	98	382364	49.203	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.847	95	148761	51.220	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.440%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.118	85	93750	45.737	ug/l	93
3) Chloromethane	2.359	50	105188	43.400	ug/l	99
4) Vinyl Chloride	2.512	62	100620	45.640	ug/l	100
5) Bromomethane	2.901	94	53882	46.128	ug/l	98
6) Chloroethane	3.054	64	64682	47.321	ug/l	92
7) Trichlorofluoromethane	3.453	101	169490	46.670	ug/l	97
8) Diethyl Ether	3.953	74	66176	51.655	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.342	101	95242	46.412	ug/l	98
10) Methyl Iodide	4.565	142	134242	48.946	ug/l	95
11) Tert butyl alcohol	5.553	59	126495	372.108	ug/l	99
12) 1,1-Dichloroethene	4.318	96	93962	46.274	ug/l	95
13) Acrolein	4.171	56	97074	286.371	ug/l	99
14) Allyl chloride	5.006	41	165415	50.232	ug/l	90
15) Acrylonitrile	5.712	53	276974	281.444	ug/l	99
16) Acetone	4.430	43	225519	303.760	ug/l	95
17) Carbon Disulfide	4.689	76	255429	40.848	ug/l	99
18) Methyl Acetate	5.018	43	147668	54.716	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	336579	54.079	ug/l	99
20) Methylene Chloride	5.265	84	108512	47.906	ug/l	90
21) trans-1,2-Dichloroethene	5.771	96	95539	45.821	ug/l	97
22) Diisopropyl ether	6.665	45	336725	51.461	ug/l	99
23) Vinyl Acetate	6.594	43	1262667	279.824	ug/l	99
24) 1,1-Dichloroethane	6.559	63	191155	48.659	ug/l	97
25) 2-Butanone	7.483	43	373352	310.740	ug/l	99
26) 2,2-Dichloropropane	7.483	77	152671	44.651	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	119231	48.974	ug/l	96
28) Bromochloromethane	7.812	49	89541	57.209	ug/l	94
29) Tetrahydrofuran	7.836	42	239252	300.157	ug/l	96
30) Chloroform	7.965	83	200558	50.159	ug/l	99
31) Cyclohexane	8.253	56	157626	44.332	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	175775	48.299	ug/l	97
36) 1,1-Dichloropropene	8.365	75	127313	43.514	ug/l	97
37) Ethyl Acetate	7.553	43	141408	53.270	ug/l	97
38) Carbon Tetrachloride	8.359	117	151461	46.314	ug/l	96
39) Methylcyclohexane	9.600	83	144842	48.662	ug/l	93
40) Benzene	8.600	78	430575	45.825	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	78589	55.053	ug/l	97
42) 1,2-Dichloroethane	8.665	62	145976	47.971	ug/l	99
43) Isopropyl Acetate	8.688	43	292624	59.860	ug/l	96
44) Trichloroethene	9.347	130	97874	45.166	ug/l	97
45) 1,2-Dichloropropane	9.618	63	105636	47.926	ug/l	96
46) Dibromomethane	9.706	93	75510	48.550	ug/l	97
47) Bromodichloromethane	9.888	83	157585	48.066	ug/l	98
48) Methyl methacrylate	9.677	41	118361	57.291	ug/l	97
49) 1,4-Dioxane	9.700	88	46050	1257.849	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	739213	292.112	ug/l	99
52) Toluene	10.629	92	267775	48.728	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	160664	47.343	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	171090	47.634	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	102076	49.312	ug/l	97
56) Ethyl methacrylate	10.871	69	173913	58.084	ug/l	96
57) 1,3-Dichloropropane	11.165	76	177802	50.048	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	438811	313.196	ug/l	97
59) 2-Hexanone	11.194	43	554555	301.067	ug/l	96
60) Dibromochloromethane	11.359	129	120777	51.194	ug/l	99
61) 1,2-Dibromoethane	11.471	107	104896	49.485	ug/l	98
64) Tetrachloroethene	11.100	164	82145	43.155	ug/l	97
65) Chlorobenzene	11.888	112	282849	44.181	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	105476	47.366	ug/l	97
67) Ethyl Benzene	11.965	91	501094	46.891	ug/l	99
68) m/p-Xylenes	12.071	106	379005	93.680	ug/l	100
69) o-Xylene	12.394	106	186179	49.193	ug/l	98
70) Styrene	12.412	104	319858	48.447	ug/l	98
71) Bromoform	12.576	173	80121	47.816	ug/l #	98
73) Isopropylbenzene	12.694	105	468217	46.773	ug/l	100
74) N-amyl acetate	12.494	43	227475	53.390	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	157554	47.153	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	142371m	49.859	ug/l	
77) Bromobenzene	12.976	156	115130	42.782	ug/l	95
78) n-propylbenzene	13.035	91	538723	45.925	ug/l	98
79) 2-Chlorotoluene	13.123	91	340872	44.472	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	393514	47.429	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	53700	44.615	ug/l	91
82) 4-Chlorotoluene	13.218	91	335995	41.653	ug/l	98
83) tert-Butylbenzene	13.435	119	344347	50.148	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	400934	46.821	ug/l	99
85) sec-Butylbenzene	13.612	105	451465	46.545	ug/l	100
86) p-Isopropyltoluene	13.729	119	377871	47.502	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	207146	39.442	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	211771	43.789	ug/l	99
89) n-Butylbenzene	14.053	91	318696	42.829	ug/l	100
90) Hexachloroethane	14.335	117	72409	40.817	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	216775	42.953	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33999	50.227	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	114807	41.562	ug/l	99
94) Hexachlorobutadiene	15.500	225	48025	39.590	ug/l	99
95) Naphthalene	15.641	128	429630	51.962	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	113975	42.505	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

