

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044222.D
 Acq On : 11 Dec 2024 12:14
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/12/2024
 Supervised By : Mahesh Dadoda 12/12/2024

Quant Time: Dec 12 04:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:11:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	205196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115815	52.544	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.080%
35) Dibromofluoromethane	5.385	113	85656	52.968	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.940%
50) Toluene-d8	8.647	98	292199	53.559	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.120%
62) 4-Bromofluorobenzene	11.079	95	103178	54.123	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.240%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.167	85	99052	50.957	ug/l 100
3) Chloromethane	1.295	50	94981	51.097	ug/l 100
4) Vinyl Chloride	1.374	62	98852	51.045	ug/l 100
5) Bromomethane	1.593	94	69250	50.405	ug/l 100
6) Chloroethane	1.666	64	66862	55.448	ug/l 100
7) Trichlorofluoromethane	1.868	101	193676	51.086	ug/l 100
8) Diethyl Ether	2.136	74	64542	49.875	ug/l 100
9) 1,1,2-Trichlorotrifluo...	2.313	101	77275	50.371	ug/l 100
10) Methyl Iodide	2.441	142	106509	52.678	ug/l 100
11) Tert butyl alcohol	2.995	59	75690m	244.039	ug/l
12) 1,1-Dichloroethene	2.307	96	74884	53.143	ug/l 100
13) Acrolein	2.239	56	116171	258.347	ug/l 100
14) Allyl chloride	2.654	41	126925	54.079	ug/l 100
15) Acrylonitrile	3.069	53	225330	261.859	ug/l 100
16) Acetone	2.392	43	239661	266.704	ug/l 100
17) Carbon Disulfide	2.502	76	144624	53.994	ug/l 100
18) Methyl Acetate	2.709	43	119808	51.710	ug/l 100
19) Methyl tert-butyl Ether	3.117	73	289735	52.691	ug/l 100
20) Methylene Chloride	2.782	84	86593	51.305	ug/l 100
21) trans-1,2-Dichloroethene	3.081	96	77834	51.974	ug/l 100
22) Diisopropyl ether	3.764	45	273039	51.662	ug/l 100
23) Vinyl Acetate	3.721	43	1202044	279.754	ug/l 100
24) 1,1-Dichloroethane	3.605	63	156412	53.093	ug/l 100
25) 2-Butanone	4.562	43	344663	269.797	ug/l 100
26) 2,2-Dichloropropane	4.465	77	131428	54.914	ug/l 100
27) cis-1,2-Dichloroethene	4.483	96	97013	51.007	ug/l 100
28) Bromochloromethane	4.898	49	74477	51.555	ug/l 100
29) Tetrahydrofuran	5.007	42	212103	258.669	ug/l 100
30) Chloroform	5.087	83	168864	51.017	ug/l 100
31) Cyclohexane	5.465	56	122841	51.637	ug/l 100
32) 1,1,1-Trichloroethane	5.379	97	147834	53.806	ug/l 100
36) 1,1-Dichloropropene	5.690	75	103760	49.638	ug/l 100
37) Ethyl Acetate	4.721	43	135753	52.537	ug/l 100
38) Carbon Tetrachloride	5.672	117	117076	52.023	ug/l 100
39) Methylcyclohexane	7.373	83	129697	51.901	ug/l 100
40) Benzene	6.031	78	329154	51.863	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	70427	51.329	ug/l	100
42) 1,2-Dichloroethane	6.086	62	136309	52.138	ug/l	100
43) Isopropyl Acetate	6.342	43	213891	52.961	ug/l	100
44) Trichloroethene	7.123	130	81542	51.521	ug/l	100
45) 1,2-Dichloropropane	7.428	63	83376	51.420	ug/l	100
46) Dibromomethane	7.580	93	66786	53.092	ug/l	100
47) Bromodichloromethane	7.824	83	118634	54.607	ug/l	100
48) Methyl methacrylate	7.696	41	103726	52.909	ug/l	100
49) 1,4-Dioxane	7.671	88	35263m	1052.498	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	688666	265.203	ug/l	100
52) Toluene	8.714	92	204738	51.370	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	120007	51.362	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	132286	55.923	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	83488	52.729	ug/l	100
56) Ethyl methacrylate	9.116	69	134770	53.917	ug/l	100
57) 1,3-Dichloropropane	9.305	76	143044	51.904	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	342592	271.745	ug/l	100
59) 2-Hexanone	9.433	43	512906	272.881	ug/l	100
60) Dibromochloromethane	9.519	129	86352	51.400	ug/l	100
61) 1,2-Dibromoethane	9.604	107	86150	53.454	ug/l	100
64) Tetrachloroethene	9.269	164	65888	48.379	ug/l	100
65) Chlorobenzene	10.080	112	223269	50.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	76867	54.396	ug/l	100
67) Ethyl Benzene	10.189	91	395430	52.050	ug/l	100
68) m/p-Xylenes	10.299	106	290181	104.094	ug/l	100
69) o-Xylene	10.640	106	144247	51.141	ug/l	100
70) Styrene	10.653	104	238379	52.719	ug/l	100
71) Bromoform	10.799	173	50667	51.158	ug/l #	100
73) Isopropylbenzene	10.957	105	372519	51.100	ug/l	100
74) N-amyl acetate	10.842	43	182491	54.166	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	127193	50.233	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	107003m	49.518	ug/l	
77) Bromobenzene	11.195	156	89687	50.734	ug/l	100
78) n-propylbenzene	11.305	91	428741	53.211	ug/l	100
79) 2-Chlorotoluene	11.360	91	263849	50.634	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	314986	52.102	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	35119	47.628	ug/l	100
82) 4-Chlorotoluene	11.451	91	296520	51.387	ug/l	100
83) tert-Butylbenzene	11.713	119	310320	51.940	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	313338	52.776	ug/l	100
85) sec-Butylbenzene	11.890	105	379552	52.329	ug/l	100
86) p-Isopropyltoluene	12.006	119	318721	52.796	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	160223	51.887	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	159258	50.171	ug/l	100
89) n-Butylbenzene	12.329	91	270840	53.354	ug/l	100
90) Hexachloroethane	12.536	117	48303	54.813	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	164342	51.256	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26027	52.951	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	93173	53.005	ug/l	100
94) Hexachlorobutadiene	13.725	225	35172	49.744	ug/l	100
95) Naphthalene	13.774	128	365234	53.230	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	97000	52.027	ug/l	100

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

