

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044240.D
 Acq On : 12 Dec 2024 10:20
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

12/13/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Dec 13 02:13:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	122506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	215809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	189044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	107235	49.925	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.840%
35) Dibromofluoromethane	5.379	113	79085	52.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.820%
50) Toluene-d8	8.647	98	271221	53.786	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.580%
62) 4-Bromofluorobenzene	11.079	95	96349	54.681	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.360%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	97086	51.253	ug/l 99
3) Chloromethane	1.294	50	82989	45.814	ug/l 98
4) Vinyl Chloride	1.374	62	91655	48.568	ug/l 97
5) Bromomethane	1.593	94	64709	48.333	ug/l 96
6) Chloroethane	1.666	64	59117	50.308	ug/l 99
7) Trichlorofluoromethane	1.867	101	191613	51.865	ug/l 99
8) Diethyl Ether	2.130	74	56662	44.932	ug/l 98
9) 1,1,2-Trichlorotrifluo...	2.319	101	76606	51.243	ug/l 99
10) Methyl Iodide	2.440	142	93518	47.463	ug/l 100
11) Tert butyl alcohol	2.995	59	73174	241.722	ug/l 98
12) 1,1-Dichloroethene	2.306	96	71750	52.252	ug/l 97
13) Acrolein	2.233	56	108339	247.237	ug/l 100
14) Allyl chloride	2.654	41	118242	51.698	ug/l 100
15) Acrylonitrile	3.062	53	208908	249.131	ug/l 100
16) Acetone	2.386	43	259538	296.385	ug/l 98
17) Carbon Disulfide	2.501	76	141493	54.208	ug/l 99
18) Methyl Acetate	2.703	43	109570	48.529	ug/l 98
19) Methyl tert-butyl Ether	3.111	73	261428	48.788	ug/l 100
20) Methylene Chloride	2.782	84	77570	47.163	ug/l 99
21) trans-1,2-Dichloroethene	3.081	96	70938	48.609	ug/l 98
22) Diisopropyl ether	3.757	45	249220	48.390	ug/l 96
23) Vinyl Acetate	3.715	43	1106280	264.207	ug/l 98
24) 1,1-Dichloroethane	3.599	63	142409	49.605	ug/l 99
25) 2-Butanone	4.556	43	328064	263.526	ug/l 99
26) 2,2-Dichloropropane	4.464	77	128007	54.885	ug/l 99
27) cis-1,2-Dichloroethene	4.477	96	88327	47.656	ug/l 99
28) Bromochloromethane	4.891	49	67691	48.084	ug/l 99
29) Tetrahydrofuran	5.001	42	196002	245.290	ug/l 98
30) Chloroform	5.086	83	153954	47.730	ug/l 99
31) Cyclohexane	5.458	56	118758	51.227	ug/l 97
32) 1,1,1-Trichloroethane	5.373	97	139059	51.937	ug/l 100
36) 1,1-Dichloropropene	5.684	75	98613	51.040	ug/l 99
37) Ethyl Acetate	4.708	43	120542	50.472	ug/l 100
38) Carbon Tetrachloride	5.665	117	112252	53.966	ug/l 96
39) Methylcyclohexane	7.372	83	130202	56.371	ug/l 97
40) Benzene	6.031	78	298271	50.847	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	63715	50.241	ug/l	99
42) 1,2-Dichloroethane	6.080	62	123104	50.944	ug/l	99
43) Isopropyl Acetate	6.336	43	193539	51.848	ug/l	99
44) Trichloroethene	7.116	130	73696	50.378	ug/l	97
45) 1,2-Dichloropropane	7.421	63	74827	49.928	ug/l	96
46) Dibromomethane	7.574	93	59805	51.437	ug/l	99
47) Bromodichloromethane	7.818	83	110794	55.176	ug/l	99
48) Methyl methacrylate	7.689	41	92069	50.810	ug/l	97
49) 1,4-Dioxane	7.665	88	28637	953.212	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	616182	256.728	ug/l	100
52) Toluene	8.714	92	182498	49.541	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	112136	51.887	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	121119	55.397	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	75494	51.586	ug/l	95
56) Ethyl methacrylate	9.116	69	122862	53.180	ug/l	99
57) 1,3-Dichloropropane	9.305	76	128402	50.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	282829	242.719	ug/l	100
59) 2-Hexanone	9.427	43	479244	275.859	ug/l	99
60) Dibromochloromethane	9.518	129	80979	52.100	ug/l	98
61) 1,2-Dibromoethane	9.604	107	78896	52.963	ug/l	99
64) Tetrachloroethene	9.268	164	62806	50.056	ug/l	95
65) Chlorobenzene	10.079	112	203153	50.151	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	70546	54.188	ug/l	100
67) Ethyl Benzene	10.189	91	355955	50.857	ug/l	98
68) m/p-Xylenes	10.299	106	267716	104.240	ug/l	98
69) o-Xylene	10.640	106	133966	51.554	ug/l	99
70) Styrene	10.652	104	222679	53.455	ug/l	97
71) Bromoform	10.799	173	48444	52.858	ug/l #	100
73) Isopropylbenzene	10.957	105	348093	50.096	ug/l	99
74) N-amyl acetate	10.841	43	165520	51.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	118712	49.187	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98854m	48.778	ug/l	
77) Bromobenzene	11.195	156	78812	46.773	ug/l	97
78) n-propylbenzene	11.305	91	397095	51.705	ug/l	98
79) 2-Chlorotoluene	11.360	91	241148	48.551	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	288881	50.132	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34678	49.141	ug/l	96
82) 4-Chlorotoluene	11.451	91	275483	50.087	ug/l	99
83) tert-Butylbenzene	11.713	119	291587	51.203	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	289199	51.103	ug/l	100
85) sec-Butylbenzene	11.890	105	353321	51.106	ug/l	100
86) p-Isopropyltoluene	12.006	119	295691	51.388	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	149295	50.724	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	149895	49.542	ug/l	97
89) n-Butylbenzene	12.329	91	262810	54.316	ug/l	100
90) Hexachloroethane	12.536	117	47347	56.369	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	149016	48.760	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24387	52.052	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	87664	52.322	ug/l	98
94) Hexachlorobutadiene	13.725	225	33400	49.559	ug/l	98
95) Naphthalene	13.774	128	337600	51.620	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	90789	51.088	ug/l	97

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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

