

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044112.D
 Acq On : 04 Dec 2024 13:21
 Operator : JC/MD
 Sample : VX1204WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2024
 Supervised By : Mahesh Dadoda 12/05/2024

Quant Time: Dec 05 00:23:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	120163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115722	56.148	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.300%
35) Dibromofluoromethane	5.385	113	83211	51.621	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.240%
50) Toluene-d8	8.647	98	280762	50.528	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.060%
62) 4-Bromofluorobenzene	11.079	95	99260	52.489	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.980%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26700	17.540	ug/l	95
3) Chloromethane	1.295	50	29260	18.266	ug/l	99
4) Vinyl Chloride	1.374	62	32229	18.915	ug/l	98
5) Bromomethane	1.593	94	22566	21.529	ug/l	98
6) Chloroethane	1.666	64	22765	21.927	ug/l	100
7) Trichlorofluoromethane	1.868	101	59496	19.531	ug/l	99
8) Diethyl Ether	2.136	74	23474	21.142	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	29404	20.236	ug/l	96
10) Methyl Iodide	2.441	142	37335	20.573	ug/l	97
11) Tert butyl alcohol	2.989	59	30744	92.936	ug/l	99
12) 1,1-Dichloroethene	2.307	96	27129	19.593	ug/l	95
13) Acrolein	2.233	56	37521	107.607	ug/l	96
14) Allyl chloride	2.660	41	46898	20.729	ug/l	94
15) Acrylonitrile	3.069	53	83841	104.001	ug/l	99
16) Acetone	2.386	43	94056	99.362	ug/l	96
17) Carbon Disulfide	2.502	76	43875	15.362	ug/l	96
18) Methyl Acetate	2.703	43	47378	21.492	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	109375	21.755	ug/l	95
20) Methylene Chloride	2.782	84	31372	19.530	ug/l	90
21) trans-1,2-Dichloroethene	3.081	96	28356	19.836	ug/l	98
22) Diisopropyl ether	3.757	45	106269	21.966	ug/l #	86
23) Vinyl Acetate	3.721	43	443108	107.069	ug/l	99
24) 1,1-Dichloroethane	3.599	63	58695	21.031	ug/l	99
25) 2-Butanone	4.562	43	127602	104.471	ug/l	95
26) 2,2-Dichloropropane	4.465	77	50179	19.908	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	35925	20.330	ug/l	97
28) Bromochloromethane	4.898	49	25067	20.405	ug/l	97
29) Tetrahydrofuran	5.007	42	79326	105.937	ug/l	97
30) Chloroform	5.087	83	65221	21.728	ug/l	98
31) Cyclohexane	5.458	56	46435	20.215	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	55653	21.499	ug/l	98
36) 1,1-Dichloropropene	5.684	75	40243	20.034	ug/l	99
37) Ethyl Acetate	4.715	43	50296	20.171	ug/l	99
38) Carbon Tetrachloride	5.672	117	43411	19.233	ug/l	99
39) Methylcyclohexane	7.379	83	49630	19.019	ug/l	97
40) Benzene	6.031	78	125395	20.041	ug/l	96

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41) Methacrylonitrile	4.922	41	25742	20.171	ug/l	94
42) 1,2-Dichloroethane	6.080	62	53881	21.441	ug/l	98
43) Isopropyl Acetate	6.342	43	82057	20.679	ug/l	99
44) Trichloroethene	7.123	130	30679	17.320	ug/l	90
45) 1,2-Dichloropropane	7.428	63	31801	20.751	ug/l	96
46) Dibromomethane	7.580	93	24787	20.447	ug/l	98
47) Bromodichloromethane	7.824	83	42959	19.759	ug/l	95
48) Methyl methacrylate	7.696	41	38601	20.273	ug/l	94
49) 1,4-Dioxane	7.665	88	9121	268.915	ug/l #	69
51) 4-Methyl-2-Pentanone	8.574	43	255184	105.378	ug/l	97
52) Toluene	8.714	92	76802	20.508	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	43019	19.403	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	47419	19.510	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	32039	20.725	ug/l	99
56) Ethyl methacrylate	9.116	69	48530	20.154	ug/l	95
57) 1,3-Dichloropropane	9.305	76	55767	21.414	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	106859	80.347	ug/l	98
59) 2-Hexanone	9.433	43	192320	105.663	ug/l	98
60) Dibromochloromethane	9.519	129	28498	18.373	ug/l	98
61) 1,2-Dibromoethane	9.610	107	32350	20.695	ug/l	99
64) Tetrachloroethene	9.269	164	25439	20.323	ug/l	96
65) Chlorobenzene	10.080	112	84199	20.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	28027	20.728	ug/l	97
67) Ethyl Benzene	10.189	91	148143	20.969	ug/l	99
68) m/p-Xylenes	10.299	106	109352	41.506	ug/l	99
69) o-Xylene	10.640	106	54239	21.086	ug/l	99
70) Styrene	10.653	104	87379	20.538	ug/l	98
71) Bromoform	10.799	173	16310	17.278	ug/l #	98
73) Isopropylbenzene	10.957	105	141268	21.648	ug/l	100
74) N-amyl acetate	10.842	43	64815	21.441	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	47802	21.393	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	39282m	21.100	ug/l	
77) Bromobenzene	11.195	156	32424	20.829	ug/l	99
78) n-propylbenzene	11.305	91	157667	21.633	ug/l	99
79) 2-Chlorotoluene	11.360	91	98996	21.481	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	117829	21.947	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11466	16.806	ug/l	88
82) 4-Chlorotoluene	11.451	91	110664	21.269	ug/l	99
83) tert-Butylbenzene	11.713	119	115305	21.669	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	117565	21.995	ug/l	98
85) sec-Butylbenzene	11.890	105	139312	21.368	ug/l	100
86) p-Isopropyltoluene	12.006	119	114408	21.603	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	57464	20.268	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	58603	20.274	ug/l	95
89) n-Butylbenzene	12.329	91	99944	21.405	ug/l	100
90) Hexachloroethane	12.536	117	16715	18.561	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	60184	21.034	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8538	19.070	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	32677	19.371	ug/l	97
94) Hexachlorobutadiene	13.725	225	13196	19.793	ug/l	97
95) Naphthalene	13.774	128	129119	21.264	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	33881	19.844	ug/l	95

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

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