

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043936.D
 Acq On : 21 Nov 2024 15:40
 Operator : JC/MD
 Sample : VX1121WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 16:07:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 13:34:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	234251	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	206616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93190	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109991	49.391	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.780%
35) Dibromofluoromethane	5.379	113	77645	46.387	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.780%
50) Toluene-d8	8.647	98	279332	48.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.079	95	97109	49.453	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28514	17.336	ug/l	98
3) Chloromethane	1.294	50	30918	17.863	ug/l	98
4) Vinyl Chloride	1.374	62	32667	17.744	ug/l	99
5) Bromomethane	1.593	94	19836	17.514	ug/l	97
6) Chloroethane	1.666	64	20849	18.585	ug/l	97
7) Trichlorofluoromethane	1.867	101	57236	17.389	ug/l	97
8) Diethyl Ether	2.130	74	21425	17.859	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	29088	18.527	ug/l	97
10) Methyl Iodide	2.441	142	35581	18.145	ug/l	97
11) Tert butyl alcohol	2.989	59	36214	96.925	ug/l	97
12) 1,1-Dichloroethene	2.306	96	26568	17.758	ug/l	90
13) Acrolein	2.233	56	39317	104.356	ug/l	99
14) Allyl chloride	2.654	41	43819	17.925	ug/l #	88
15) Acrylonitrile	3.062	53	84586	97.107	ug/l	97
16) Acetone	2.386	43	90529	88.510	ug/l	93
17) Carbon Disulfide	2.501	76	48756	15.799	ug/l	97
18) Methyl Acetate	2.703	43	46288	19.433	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	104011	19.147	ug/l	99
20) Methylene Chloride	2.782	84	31177	17.962	ug/l	93
21) trans-1,2-Dichloroethene	3.081	96	27051	17.513	ug/l	92
22) Diisopropyl ether	3.757	45	97898	18.728	ug/l #	77
23) Vinyl Acetate	3.721	43	424207	94.865	ug/l	97
24) 1,1-Dichloroethane	3.605	63	53822	17.848	ug/l	99
25) 2-Butanone	4.562	43	129762	98.324	ug/l	95
26) 2,2-Dichloropropane	4.465	77	47188	17.327	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	35321	18.499	ug/l	97
28) Bromochloromethane	4.891	49	27000	20.341	ug/l	90
29) Tetrahydrofuran	5.007	42	77274	95.523	ug/l	98
30) Chloroform	5.086	83	59495	18.343	ug/l	96
31) Cyclohexane	5.458	56	43850	17.667	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	51114	18.275	ug/l	98
36) 1,1-Dichloropropene	5.690	75	37053	17.764	ug/l	98
37) Ethyl Acetate	4.714	43	47904	19.063	ug/l	97
38) Carbon Tetrachloride	5.672	117	41738	17.809	ug/l	90
39) Methylcyclohexane	7.379	83	48674	17.963	ug/l	96
40) Benzene	6.031	78	117625	18.104	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24824	18.560	ug/l	95
42) 1,2-Dichloroethane	6.086	62	47870	18.345	ug/l	97
43) Isopropyl Acetate	6.342	43	78373	19.020	ug/l	95
44) Trichloroethene	7.123	130	28486	15.488	ug/l	100
45) 1,2-Dichloropropane	7.427	63	29748	18.694	ug/l	99
46) Dibromomethane	7.580	93	23484	18.656	ug/l	95
47) Bromodichloromethane	7.818	83	40303	17.852	ug/l	97
48) Methyl methacrylate	7.696	41	35923	18.893	ug/l #	91
49) 1,4-Dioxane	7.665	88	9531	317.023	ug/l #	60
51) 4-Methyl-2-Pentanone	8.574	43	253766	100.919	ug/l	93
52) Toluene	8.714	92	73060	18.788	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	42483	18.453	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	46132	18.279	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	30736	19.147	ug/l	96
56) Ethyl methacrylate	9.116	69	48683	19.471	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	53280	19.703	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	111322	80.691	ug/l	96
59) 2-Hexanone	9.433	43	190401	100.741	ug/l	93
60) Dibromochloromethane	9.518	129	28588	17.750	ug/l	97
61) 1,2-Dibromoethane	9.610	107	31528	19.424	ug/l	99
64) Tetrachloroethene	9.269	164	24826	18.222	ug/l	92
65) Chlorobenzene	10.079	112	79380	17.493	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	26380	17.925	ug/l	98
67) Ethyl Benzene	10.195	91	140425	18.262	ug/l	98
68) m/p-Xylenes	10.299	106	102867	35.873	ug/l	95
69) o-Xylene	10.640	106	52135	18.621	ug/l	98
70) Styrene	10.652	104	86048	18.582	ug/l	97
71) Bromoform	10.799	173	16865	16.375	ug/l #	96
73) Isopropylbenzene	10.963	105	134063	18.715	ug/l	97
74) N-amyl acetate	10.841	43	63526	19.143	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	48151	19.631	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	50233	24.580	ug/l	82
77) Bromobenzene	11.195	156	32515	19.028	ug/l	97
78) n-propylbenzene	11.305	91	149874	18.733	ug/l	99
79) 2-Chlorotoluene	11.360	91	92604	18.305	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	113144	19.198	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	12232	16.333	ug/l #	86
82) 4-Chlorotoluene	11.451	91	106838	18.706	ug/l	99
83) tert-Butylbenzene	11.713	119	109827	18.802	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	113325	19.314	ug/l	99
85) sec-Butylbenzene	11.890	105	131107	18.319	ug/l	99
86) p-Isopropyltoluene	12.006	119	110959	19.086	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	57146	18.361	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	58062	18.570	ug/l	97
89) n-Butylbenzene	12.329	91	95071	18.548	ug/l	97
90) Hexachloroethane	12.536	117	17195	17.394	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	58327	18.570	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9498	19.325	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	33303	17.985	ug/l	99
94) Hexachlorobutadiene	13.725	225	13888	18.977	ug/l	94
95) Naphthalene	13.774	128	129836	19.478	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	34891	18.616	ug/l	98

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

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