

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044113.D
 Acq On : 04 Dec 2024 13:47
 Operator : JC/MD
 Sample : VX1204WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 05 00:24:56 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	115232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206872	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109370	55.337	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.680%
35) Dibromofluoromethane	5.379	113	78130	52.855	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.700%
50) Toluene-d8	8.647	98	264584	51.925	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.840%
62) 4-Bromofluorobenzene	11.079	95	94839	54.689	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25006	17.130	ug/l	96
3) Chloromethane	1.295	50	28015	18.237	ug/l	96
4) Vinyl Chloride	1.374	62	30025	18.376	ug/l	98
5) Bromomethane	1.593	94	20901	20.794	ug/l	91
6) Chloroethane	1.666	64	22200	22.298	ug/l	98
7) Trichlorofluoromethane	1.868	101	62867	21.521	ug/l	98
8) Diethyl Ether	2.130	74	21320	20.024	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	27651	19.844	ug/l	97
10) Methyl Iodide	2.441	142	34180	19.640	ug/l	97
11) Tert butyl alcohol	2.989	59	31200	98.350	ug/l	99
12) 1,1-Dichloroethene	2.307	96	25268	19.030	ug/l	94
13) Acrolein	2.233	56	35628	106.550	ug/l	100
14) Allyl chloride	2.654	41	43798	20.187	ug/l	95
15) Acrylonitrile	3.062	53	82880	107.208	ug/l	98
16) Acetone	2.386	43	89251	98.320	ug/l	98
17) Carbon Disulfide	2.502	76	43591	15.915	ug/l	100
18) Methyl Acetate	2.703	43	45440	21.495	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	105263	21.833	ug/l	98
20) Methylene Chloride	2.782	84	29827	19.362	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	26768	19.526	ug/l	96
22) Diisopropyl ether	3.764	45	99038	21.347	ug/l	97
23) Vinyl Acetate	3.715	43	430660	108.514	ug/l	99
24) 1,1-Dichloroethane	3.605	63	56025	20.933	ug/l	99
25) 2-Butanone	4.562	43	124283	106.108	ug/l	94
26) 2,2-Dichloropropane	4.471	77	47919	19.825	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	33834	19.966	ug/l	96
28) Bromochloromethane	4.891	49	23731	20.144	ug/l	100
29) Tetrahydrofuran	5.013	42	76368	106.351	ug/l	99
30) Chloroform	5.080	83	61163	21.248	ug/l	95
31) Cyclohexane	5.464	56	43850	19.907	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	53283	21.465	ug/l	99
36) 1,1-Dichloropropene	5.684	75	37571	20.397	ug/l	99
37) Ethyl Acetate	4.715	43	48962	21.413	ug/l	98
38) Carbon Tetrachloride	5.666	117	40966	19.793	ug/l	97
39) Methylcyclohexane	7.373	83	49139	20.534	ug/l	97
40) Benzene	6.031	78	115508	20.131	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	25107	21.454	ug/l #	90
42) 1,2-Dichloroethane	6.080	62	49334	21.408	ug/l	99
43) Isopropyl Acetate	6.342	43	79930	21.965	ug/l	98
44) Trichloroethene	7.123	130	28166	17.341	ug/l	100
45) 1,2-Dichloropropane	7.428	63	30054	21.386	ug/l	93
46) Dibromomethane	7.580	93	23576	21.208	ug/l	99
47) Bromodichloromethane	7.818	83	40640	20.384	ug/l	96
48) Methyl methacrylate	7.696	41	36691	21.013	ug/l	98
49) 1,4-Dioxane	7.665	88	10086	324.275	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	252833	113.855	ug/l	98
52) Toluene	8.714	92	72868	21.218	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	41774	20.547	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	45471	20.401	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	30652	21.622	ug/l	96
56) Ethyl methacrylate	9.116	69	48535	21.980	ug/l	99
57) 1,3-Dichloropropane	9.305	76	52456	21.966	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	106301	87.188	ug/l	97
59) 2-Hexanone	9.433	43	188989	113.228	ug/l	97
60) Dibromochloromethane	9.519	129	27939	19.643	ug/l	100
61) 1,2-Dibromoethane	9.610	107	31398	21.904	ug/l	99
64) Tetrachloroethene	9.269	164	23898	20.257	ug/l	90
65) Chlorobenzene	10.080	112	80200	20.410	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	26343	20.671	ug/l	99
67) Ethyl Benzene	10.189	91	141214	21.208	ug/l	99
68) m/p-Xylenes	10.299	106	104219	41.972	ug/l	100
69) o-Xylene	10.640	106	51436	21.216	ug/l	98
70) Styrene	10.653	104	83419	20.804	ug/l	97
71) Bromoform	10.799	173	15959	17.880	ug/l #	99
73) Isopropylbenzene	10.964	105	134354	21.159	ug/l	100
74) N-amyl acetate	10.842	43	64407	21.895	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	46598	21.432	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39328m	21.710	ug/l	
77) Bromobenzene	11.195	156	31362	20.704	ug/l	99
78) n-propylbenzene	11.305	91	152303	21.476	ug/l	98
79) 2-Chlorotoluene	11.366	91	95329	21.258	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	114085	21.838	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10671	16.074	ug/l #	77
82) 4-Chlorotoluene	11.451	91	107030	21.140	ug/l	100
83) tert-Butylbenzene	11.713	119	109435	21.135	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	113300	21.784	ug/l	99
85) sec-Butylbenzene	11.890	105	137654	21.698	ug/l	98
86) p-Isopropyltoluene	12.006	119	112943	21.917	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	57583	20.872	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	56941	20.244	ug/l	96
89) n-Butylbenzene	12.329	91	98251	21.625	ug/l	99
90) Hexachloroethane	12.536	117	15672	17.885	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	57283	20.575	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8344	19.152	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	31357	19.104	ug/l	98
94) Hexachlorobutadiene	13.725	225	13426	20.696	ug/l	95
95) Naphthalene	13.774	128	128692	21.780	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	33682	20.273	ug/l	96

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

