

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044087.D
 Acq On : 03 Dec 2024 13:01
 Operator : JC/MD
 Sample : VX1203WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Quant Time: Dec 03 23:42:15 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	121696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	217179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	182356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105887	50.729	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.460%			
35) Dibromofluoromethane	5.379	113	77293	49.807	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.620%			
50) Toluene-d8	8.647	98	267966	50.093	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.180%			
62) 4-Bromofluorobenzene	11.079	95	93916	51.587	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26847	17.414	ug/l	98
3) Chloromethane	1.294	50	26838	16.543	ug/l	99
4) Vinyl Chloride	1.373	62	27768	16.092	ug/l	95
5) Bromomethane	1.599	94	19806	18.658	ug/l	100
6) Chloroethane	1.666	64	19064	18.131	ug/l	99
7) Trichlorofluoromethane	1.867	101	53375	17.301	ug/l	98
8) Diethyl Ether	2.129	74	19616	17.445	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.318	101	27721	18.837	ug/l	96
10) Methyl Iodide	2.440	142	31197	16.974	ug/l	98
11) Tert butyl alcohol	3.007	59	28819	86.019	ug/l	99
12) 1,1-Dichloroethene	2.312	96	24361	17.372	ug/l	94
13) Acrolein	2.233	56	29751	84.248	ug/l	99
14) Allyl chloride	2.654	41	41333	18.039	ug/l	96
15) Acrylonitrile	3.062	53	73249	89.717	ug/l	98
16) Acetone	2.385	43	77917	81.276	ug/l	99
17) Carbon Disulfide	2.501	76	36596	12.652	ug/l	99
18) Methyl Acetate	2.702	43	41833	18.738	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	97844	19.216	ug/l	98
20) Methylene Chloride	2.782	84	29012	17.833	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	24762	17.103	ug/l	93
22) Diisopropyl ether	3.757	45	96566	19.709	ug/l	91
23) Vinyl Acetate	3.715	43	396191	94.527	ug/l	99
24) 1,1-Dichloroethane	3.599	63	53678	18.991	ug/l	99
25) 2-Butanone	4.556	43	112217	90.718	ug/l	98
26) 2,2-Dichloropropane	4.464	77	48679	19.070	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	33466	18.700	ug/l	98
28) Bromochloromethane	4.891	49	18631	14.975	ug/l	97
29) Tetrahydrofuran	5.007	42	69198	91.247	ug/l	98
30) Chloroform	5.086	83	59371	19.530	ug/l	97
31) Cyclohexane	5.452	56	43371	18.643	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	51160	19.515	ug/l	98
36) 1,1-Dichloropropene	5.684	75	38934	20.133	ug/l	97
37) Ethyl Acetate	4.714	43	44329	18.467	ug/l	98
38) Carbon Tetrachloride	5.665	117	39423	18.143	ug/l	96
39) Methylcyclohexane	7.372	83	46338	18.445	ug/l	96
40) Benzene	6.031	78	112913	18.745	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	23209	18.891	ug/l	95
42) 1,2-Dichloroethane	6.080	62	47643	19.693	ug/l	98
43) Isopropyl Acetate	6.336	43	71490	18.714	ug/l	100
44) Trichloroethene	7.122	130	28361	16.632	ug/l	89
45) 1,2-Dichloropropane	7.427	63	29430	19.948	ug/l	99
46) Dibromomethane	7.580	93	22336	19.139	ug/l	98
47) Bromodichloromethane	7.817	83	38417	18.354	ug/l	95
48) Methyl methacrylate	7.689	41	33987	18.541	ug/l	98
49) 1,4-Dioxane	7.665	88	9689	296.727	ug/l #	84
51) 4-Methyl-2-Pentanone	8.573	43	221754	95.121	ug/l	98
52) Toluene	8.714	92	70152	19.458	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	38681	18.122	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	43743	18.695	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	28992	19.480	ug/l	98
56) Ethyl methacrylate	9.116	69	43397	18.721	ug/l	95
57) 1,3-Dichloropropane	9.305	76	50073	19.973	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	103315	80.692	ug/l	98
59) 2-Hexanone	9.433	43	165534	94.469	ug/l	100
60) Dibromochloromethane	9.518	129	26084	17.468	ug/l	100
61) 1,2-Dibromoethane	9.610	107	29625	19.686	ug/l	95
64) Tetrachloroethene	9.268	164	23182	19.279	ug/l	94
65) Chlorobenzene	10.079	112	76918	19.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	24782	19.079	ug/l	99
67) Ethyl Benzene	10.189	91	134041	19.751	ug/l	99
68) m/p-Xylenes	10.299	106	97878	38.674	ug/l	98
69) o-Xylene	10.640	106	48530	19.640	ug/l	96
70) Styrene	10.652	104	79909	19.552	ug/l	98
71) Bromoform	10.799	173	14514	16.114	ug/l #	98
73) Isopropylbenzene	10.963	105	131164	20.244	ug/l	99
74) N-amyl acetate	10.841	43	56968	18.980	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	42954	19.361	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	36326m	19.652	ug/l	
77) Bromobenzene	11.195	156	30099	19.474	ug/l	99
78) n-propylbenzene	11.305	91	143578	19.841	ug/l	99
79) 2-Chlorotoluene	11.366	91	91670	20.033	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	108181	20.294	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	10351	15.280	ug/l	88
82) 4-Chlorotoluene	11.451	91	102931	19.924	ug/l	99
83) tert-Butylbenzene	11.713	119	108015	20.444	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	110662	20.852	ug/l	99
85) sec-Butylbenzene	11.890	105	130642	20.181	ug/l	99
86) p-Isopropyltoluene	12.006	119	109705	20.863	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	54457	19.345	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	54856	19.113	ug/l	97
89) n-Butylbenzene	12.329	91	91136	19.658	ug/l	99
90) Hexachloroethane	12.536	117	15235	17.039	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	56515	19.893	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7640	17.186	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	31652	18.898	ug/l	97
94) Hexachlorobutadiene	13.725	225	12427	18.773	ug/l	96
95) Naphthalene	13.774	128	122069	20.246	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	32813	19.356	ug/l	98

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

