

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112624\
 Data File : VX044008.D
 Acq On : 26 Nov 2024 11:45
 Operator : JC/MD
 Sample : VX1126WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/27/2024
 Supervised By :Mahesh Dadoda 11/27/2024

Quant Time: Nov 27 00:49:25 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	121794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	221958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	193277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108067	51.732	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.460%			
35) Dibromofluoromethane	5.379	113	77592	48.923	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.840%			
50) Toluene-d8	8.647	98	273259	49.982	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.960%			
62) 4-Bromofluorobenzene	11.079	95	94873	50.990	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25400	16.462	ug/l	100
3) Chloromethane	1.295	50	27739	17.084	ug/l	100
4) Vinyl Chloride	1.374	62	28825	16.691	ug/l	95
5) Bromomethane	1.593	94	19240	18.110	ug/l	99
6) Chloroethane	1.660	64	20335	19.324	ug/l	98
7) Trichlorofluoromethane	1.868	101	57672	18.679	ug/l	97
8) Diethyl Ether	2.130	74	20660	18.359	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	25913	17.595	ug/l	97
10) Methyl Iodide	2.441	142	32214	17.513	ug/l	99
11) Tert butyl alcohol	2.995	59	29172	87.003	ug/l	99
12) 1,1-Dichloroethene	2.307	96	22996	16.386	ug/l	97
13) Acrolein	2.233	56	30640	86.696	ug/l	98
14) Allyl chloride	2.654	41	39029	17.020	ug/l	99
15) Acrylonitrile	3.062	53	76288	93.364	ug/l	97
16) Acetone	2.386	43	83257	86.776	ug/l	99
17) Carbon Disulfide	2.502	76	38413	13.269	ug/l	97
18) Methyl Acetate	2.703	43	41012	18.355	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	94718	18.588	ug/l	97
20) Methylene Chloride	2.782	84	28417	17.453	ug/l	91
21) trans-1,2-Dichloroethene	3.081	96	23899	16.494	ug/l	93
22) Diisopropyl ether	3.757	45	92906	18.947	ug/l	94
23) Vinyl Acetate	3.715	43	380280	90.658	ug/l	99
24) 1,1-Dichloroethane	3.599	63	49656	17.554	ug/l	97
25) 2-Butanone	4.556	43	113113	91.368	ug/l	99
26) 2,2-Dichloropropane	4.459	77	44883	17.569	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	31065	17.345	ug/l	96
28) Bromochloromethane	4.891	49	25152	20.200	ug/l	98
29) Tetrahydrofuran	5.007	42	67710	89.213	ug/l	99
30) Chloroform	5.087	83	53270	17.509	ug/l	99
31) Cyclohexane	5.458	56	38435	16.508	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	45261	17.251	ug/l	98
36) 1,1-Dichloropropene	5.684	75	33938	17.172	ug/l	98
37) Ethyl Acetate	4.715	43	40034	16.318	ug/l	99
38) Carbon Tetrachloride	5.672	117	37013	16.667	ug/l	96
39) Methylcyclohexane	7.379	83	43329	16.876	ug/l	88
40) Benzene	6.031	78	105807	17.187	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22438	17.870	ug/l	96
42) 1,2-Dichloroethane	6.080	62	44221	17.885	ug/l	98
43) Isopropyl Acetate	6.342	43	68817	17.626	ug/l	99
44) Trichloroethene	7.123	130	27050	15.522	ug/l	92
45) 1,2-Dichloropropane	7.428	63	28821	19.115	ug/l	98
46) Dibromomethane	7.580	93	21861	18.329	ug/l	98
47) Bromodichloromethane	7.818	83	37285	17.430	ug/l	99
48) Methyl methacrylate	7.696	41	33647	17.960	ug/l	97
49) 1,4-Dioxane	7.665	88	9682	290.128	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	221444	92.943	ug/l	98
52) Toluene	8.714	92	65322	17.728	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	37514	17.197	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	41313	17.276	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	28362	18.647	ug/l	98
56) Ethyl methacrylate	9.116	69	43652	18.425	ug/l	99
57) 1,3-Dichloropropane	9.305	76	48026	18.744	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	107778	82.372	ug/l	98
59) 2-Hexanone	9.427	43	165392	92.356	ug/l	100
60) Dibromochloromethane	9.519	129	26030	17.057	ug/l	98
61) 1,2-Dibromoethane	9.610	107	28648	18.627	ug/l	100
64) Tetrachloroethene	9.269	164	22891	17.962	ug/l	97
65) Chlorobenzene	10.080	112	73430	17.298	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	24378	17.708	ug/l	99
67) Ethyl Benzene	10.189	91	123679	17.194	ug/l	96
68) m/p-Xylenes	10.299	106	93831	34.980	ug/l	100
69) o-Xylene	10.640	106	46927	17.918	ug/l	99
70) Styrene	10.653	104	75806	17.500	ug/l	98
71) Bromoform	10.799	173	15169	15.910	ug/l #	99
73) Isopropylbenzene	10.957	105	119641	17.923	ug/l	100
74) N-amyl acetate	10.842	43	55933	18.087	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	43153	18.879	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	34762m	18.253	ug/l	
77) Bromobenzene	11.195	156	29073	18.257	ug/l	99
78) n-propylbenzene	11.305	91	135936	18.233	ug/l	97
79) 2-Chlorotoluene	11.360	91	85356	18.105	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	102431	18.651	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10400	14.902	ug/l	90
82) 4-Chlorotoluene	11.451	91	97342	18.289	ug/l	98
83) tert-Butylbenzene	11.713	119	99548	18.288	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	102813	18.804	ug/l	98
85) sec-Butylbenzene	11.890	105	121230	18.177	ug/l	99
86) p-Isopropyltoluene	12.006	119	100301	18.514	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	51811	17.864	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	52012	17.590	ug/l	96
89) n-Butylbenzene	12.329	91	83961	17.578	ug/l	100
90) Hexachloroethane	12.536	117	14453	15.689	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	53251	18.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7910	17.271	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	29370	17.020	ug/l	99
94) Hexachlorobutadiene	13.725	225	12189	17.873	ug/l	96
95) Naphthalene	13.774	128	109850	17.685	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	31445	18.004	ug/l	96

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

