

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043587.D
 Acq On : 29 Oct 2024 11:20
 Operator : JC/MD
 Sample : VX1029WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024

Quant Time: Oct 30 01:27:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	180366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	312050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123296	42.871	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.740%		
35) Dibromofluoromethane	5.385	113	99899	47.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.420%		
50) Toluene-d8	8.647	98	366426	50.025	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.060%		
62) 4-Bromofluorobenzene	11.079	95	135860	50.055	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35143	18.219	ug/l	98
3) Chloromethane	1.294	50	40942	16.605	ug/l	99
4) Vinyl Chloride	1.374	62	41339	18.065	ug/l	98
5) Bromomethane	1.593	94	17344	18.591	ug/l	94
6) Chloroethane	1.660	64	15277	18.949	ug/l	100
7) Trichlorofluoromethane	1.861	101	57506	20.570	ug/l	98
8) Diethyl Ether	2.136	74	23314	18.050	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	37452	19.809	ug/l	97
10) Methyl Iodide	2.441	142	53263	19.499	ug/l	96
11) Tert butyl alcohol	3.008	59	57011m	106.205	ug/l	
12) 1,1-Dichloroethene	2.307	96	36845	19.070	ug/l	96
13) Acrolein	2.239	56	39535	94.177	ug/l	100
14) Allyl chloride	2.660	41	61519	18.409	ug/l	97
15) Acrylonitrile	3.069	53	109405	90.270	ug/l	99
16) Acetone	2.392	43	109359	95.756	ug/l	100
17) Carbon Disulfide	2.502	76	73159	18.108	ug/l	99
18) Methyl Acetate	2.709	43	57203	17.138	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	131788	17.936	ug/l	97
20) Methylene Chloride	2.782	84	41826	16.993	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	38207	18.718	ug/l	93
22) Diisopropyl ether	3.764	45	127741	18.494	ug/l	97
23) Vinyl Acetate	3.721	43	526774	92.311	ug/l	99
24) 1,1-Dichloroethane	3.605	63	72922	18.368	ug/l	98
25) 2-Butanone	4.562	43	152135	91.321	ug/l	100
26) 2,2-Dichloropropane	4.465	77	61908	19.050	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	48502	18.602	ug/l	99
28) Bromochloromethane	4.898	49	35416	18.753	ug/l	100
29) Tetrahydrofuran	5.007	42	96260	88.912	ug/l	98
30) Chloroform	5.086	83	75982	18.258	ug/l	98
31) Cyclohexane	5.458	56	60944	20.070	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	66644	19.074	ug/l	98
36) 1,1-Dichloropropene	5.684	75	50726	20.217	ug/l	99
37) Ethyl Acetate	4.715	43	57527	18.885	ug/l	98
38) Carbon Tetrachloride	5.672	117	55313	19.952	ug/l	95
39) Methylcyclohexane	7.373	83	65547	21.041	ug/l	95
40) Benzene	6.031	78	162811	19.451	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	30340	18.975	ug/l	96
42) 1,2-Dichloroethane	6.086	62	57693	19.172	ug/l	98
43) Isopropyl Acetate	6.342	43	94365	18.732	ug/l	98
44) Trichloroethene	7.123	130	40576	19.513	ug/l	98
45) 1,2-Dichloropropane	7.428	63	39286	19.061	ug/l	98
46) Dibromomethane	7.580	93	30214	19.039	ug/l	98
47) Bromodichloromethane	7.818	83	52666	18.918	ug/l	96
48) Methyl methacrylate	7.696	41	45342	18.984	ug/l	98
49) 1,4-Dioxane	7.671	88	22833	465.320	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	303410	98.818	ug/l	100
52) Toluene	8.720	92	102358	20.164	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	57218	19.136	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	64125	20.128	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	42874	20.290	ug/l	96
56) Ethyl methacrylate	9.116	69	67171	19.564	ug/l	97
57) 1,3-Dichloropropane	9.305	76	69379	19.741	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	161188	96.934	ug/l	98
59) 2-Hexanone	9.433	43	235915	101.166	ug/l	100
60) Dibromochloromethane	9.519	129	41001	19.595	ug/l	98
61) 1,2-Dibromoethane	9.610	107	43112	19.655	ug/l	97
64) Tetrachloroethene	9.275	164	35803	21.083	ug/l	94
65) Chlorobenzene	10.079	112	114879	19.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	39255	20.689	ug/l	99
67) Ethyl Benzene	10.195	91	191684	20.237	ug/l	97
68) m/p-Xylenes	10.299	106	151758	41.895	ug/l	95
69) o-Xylene	10.640	106	75831	20.836	ug/l	97
70) Styrene	10.653	104	124213	20.534	ug/l	99
71) Bromoform	10.799	173	25655	18.805	ug/l #	96
73) Isopropylbenzene	10.963	105	190648	20.509	ug/l	99
74) N-amyl acetate	10.842	43	86862	19.182	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	65393	19.563	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	52914m	18.859	ug/l	
77) Bromobenzene	11.195	156	46994	19.579	ug/l	99
78) n-propylbenzene	11.305	91	208848	20.606	ug/l	99
79) 2-Chlorotoluene	11.366	91	133377	19.846	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	161261	20.806	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18827	18.460	ug/l	98
82) 4-Chlorotoluene	11.451	91	150670	19.974	ug/l	99
83) tert-Butylbenzene	11.713	119	165824	21.037	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	163892	20.749	ug/l	99
85) sec-Butylbenzene	11.890	105	197051	21.328	ug/l	100
86) p-Isopropyltoluene	12.006	119	164691	20.970	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	85827	19.950	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	85335	19.143	ug/l	99
89) n-Butylbenzene	12.329	91	132178	20.655	ug/l	98
90) Hexachloroethane	12.536	117	25551	20.029	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	88551	20.129	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12736	18.690	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	51206	19.176	ug/l	97
94) Hexachlorobutadiene	13.725	225	20393	20.713	ug/l	98
95) Naphthalene	13.774	128	200939	19.665	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	53643	19.053	ug/l	99

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

