

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043276.D
 Acq On : 04 Oct 2024 10:14
 Operator : JC/MD
 Sample : VX1004WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2024
 Supervised By : Mahesh Dadoda 10/07/2024

Quant Time: Oct 04 23:25:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	180290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82388	47.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.840%		
35) Dibromofluoromethane	5.385	113	59517	47.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.740%		
50) Toluene-d8	8.647	98	202918	47.094	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.180%		
62) 4-Bromofluorobenzene	11.079	95	74479	47.580	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21206	17.317	ug/l	95
3) Chloromethane	1.294	50	20054	15.901	ug/l	97
4) Vinyl Chloride	1.374	62	21278	16.843	ug/l	97
5) Bromomethane	1.599	94	8656	16.771	ug/l	96
6) Chloroethane	1.666	64	10436	22.184	ug/l	95
7) Trichlorofluoromethane	1.874	101	36260	19.210	ug/l	96
8) Diethyl Ether	2.136	74	12649	17.220	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	21131	17.940	ug/l	99
10) Methyl Iodide	2.447	142	24436	16.517	ug/l	100
11) Tert butyl alcohol	2.989	59	32816	100.299	ug/l	100
12) 1,1-Dichloroethene	2.312	96	19160	16.380	ug/l	96
13) Acrolein	2.239	56	33058	106.976	ug/l	98
14) Allyl chloride	2.660	41	34786	18.102	ug/l	99
15) Acrylonitrile	3.068	53	62148	93.024	ug/l	99
16) Acetone	2.386	43	65990	91.906	ug/l	99
17) Carbon Disulfide	2.501	76	41571	14.612	ug/l	98
18) Methyl Acetate	2.703	43	36900	20.486	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	77913	18.618	ug/l	100
20) Methylene Chloride	2.788	84	22407	16.925	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	19913	17.106	ug/l	98
22) Diisopropyl ether	3.757	45	72280	18.700	ug/l #	81
23) Vinyl Acetate	3.721	43	430045	103.601	ug/l	100
24) 1,1-Dichloroethane	3.605	63	40533	18.001	ug/l	99
25) 2-Butanone	4.562	43	93045	94.510	ug/l	100
26) 2,2-Dichloropropane	4.471	77	38309	17.881	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	25461	17.537	ug/l	99
28) Bromochloromethane	4.897	49	17368	19.551	ug/l	98
29) Tetrahydrofuran	5.007	42	58656	93.525	ug/l	98
30) Chloroform	5.086	83	44408	17.958	ug/l	97
31) Cyclohexane	5.464	56	32132	17.320	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	39810	17.527	ug/l	100
36) 1,1-Dichloropropene	5.690	75	27314	17.389	ug/l	99
37) Ethyl Acetate	4.721	43	34928	18.517	ug/l	99
38) Carbon Tetrachloride	5.672	117	32672	17.570	ug/l	99
39) Methylcyclohexane	7.379	83	35597	18.019	ug/l	97
40) Benzene	6.031	78	85745	18.005	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18889	19.237	ug/l	98
42) 1,2-Dichloroethane	6.086	62	36442	18.778	ug/l	99
43) Isopropyl Acetate	6.342	43	58008	18.619	ug/l	100
44) Trichloroethene	7.123	130	22090	17.488	ug/l	95
45) 1,2-Dichloropropane	7.427	63	21560	18.448	ug/l	93
46) Dibromomethane	7.580	93	17225	18.393	ug/l	99
47) Bromodichloromethane	7.818	83	33462	18.174	ug/l #	93
48) Methyl methacrylate	7.696	41	28428	18.596	ug/l	99
49) 1,4-Dioxane	7.665	88	12426	418.156	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	180521	95.399	ug/l	100
52) Toluene	8.714	92	54101	18.126	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	33729	18.435	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	36217	18.456	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23067	19.446	ug/l	97
56) Ethyl methacrylate	9.116	69	36613	18.879	ug/l	98
57) 1,3-Dichloropropane	9.305	76	38535	19.074	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	86844	99.347	ug/l	99
59) 2-Hexanone	9.427	43	139909	97.773	ug/l	99
60) Dibromochloromethane	9.518	129	24379	17.716	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24105	18.914	ug/l	99
64) Tetrachloroethene	9.269	164	19672	18.185	ug/l	94
65) Chlorobenzene	10.079	112	59484	17.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21729	18.334	ug/l	99
67) Ethyl Benzene	10.195	91	104748	18.081	ug/l	99
68) m/p-Xylenes	10.299	106	79415	36.273	ug/l	100
69) o-Xylene	10.640	106	40068	18.417	ug/l	99
70) Styrene	10.652	104	64540	18.305	ug/l	99
71) Bromoform	10.799	173	15200	16.742	ug/l #	100
73) Isopropylbenzene	10.963	105	103208	18.323	ug/l	100
74) N-amyl acetate	10.841	43	47671	17.828	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	33967	18.511	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29435m	18.317	ug/l	
77) Bromobenzene	11.195	156	24764	18.066	ug/l	99
78) n-propylbenzene	11.305	91	113940	18.426	ug/l	100
79) 2-Chlorotoluene	11.366	91	71685	18.032	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	85350	18.369	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10086	16.266	ug/l	91
82) 4-Chlorotoluene	11.451	91	80528	17.782	ug/l	99
83) tert-Butylbenzene	11.713	119	87007	18.176	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	85691	18.329	ug/l	100
85) sec-Butylbenzene	11.890	105	103841	18.299	ug/l	100
86) p-Isopropyltoluene	12.006	119	86330	18.234	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	42852	17.746	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	43483	17.466	ug/l	98
89) n-Butylbenzene	12.329	91	70167	17.702	ug/l	99
90) Hexachloroethane	12.536	117	15318	17.251	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	43705	17.698	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7820	17.455	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	24625	17.297	ug/l	99
94) Hexachlorobutadiene	13.725	225	10636	18.846	ug/l	97
95) Naphthalene	13.774	128	91056	17.398	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25575	17.411	ug/l	94

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

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