

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043248.D
 Acq On : 03 Oct 2024 09:48
 Operator : JC/MD
 Sample : VX1003WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2024
 Supervised By : Mahesh Dadoda 10/04/2024

Quant Time: Oct 04 01:26:21 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	5.544	168	109961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	188577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77607	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	86983	48.436	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.880%
35) Dibromofluoromethane	5.379	113	63626	48.924	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	8.647	98	223549	49.602	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	83294	50.873	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.740%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	23259	18.185	ug/l	95
3) Chloromethane	1.294	50	22795	17.304	ug/l	97
4) Vinyl Chloride	1.374	62	23548	17.846	ug/l	95
5) Bromomethane	1.599	94	9307	17.265	ug/l	97
6) Chloroethane	1.666	64	10636	21.646	ug/l	99
7) Trichlorofluoromethane	1.874	101	38642	19.601	ug/l	99
8) Diethyl Ether	2.136	74	13877	18.088	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	22219	18.060	ug/l	99
10) Methyl Iodide	2.447	142	27980	18.107	ug/l	98
11) Tert butyl alcohol	2.989	59	37183	108.806	ug/l	97
12) 1,1-Dichloroethene	2.313	96	20907	17.113	ug/l	95
13) Acrolein	2.239	56	28503	88.307	ug/l	98
14) Allyl chloride	2.660	41	36381	18.126	ug/l	98
15) Acrylonitrile	3.069	53	67795	97.154	ug/l	99
16) Acetone	2.386	43	68706	91.614	ug/l	97
17) Carbon Disulfide	2.508	76	47231	15.894	ug/l	97
18) Methyl Acetate	2.703	43	39608	21.053	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	82732	18.928	ug/l	98
20) Methylene Chloride	2.788	84	24261	17.545	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	21900	18.011	ug/l	99
22) Diisopropyl ether	3.757	45	76885	19.045	ug/l #	82
23) Vinyl Acetate	3.721	43	462522	106.419	ug/l	99
24) 1,1-Dichloroethane	3.605	63	43667	18.567	ug/l	99
25) 2-Butanone	4.562	43	99355	96.622	ug/l	100
26) 2,2-Dichloropropane	4.465	77	40821	18.242	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	27785	18.323	ug/l	99
28) Bromochloromethane	4.891	49	19293	20.793	ug/l	99
29) Tetrahydrofuran	5.007	42	63198	96.476	ug/l	99
30) Chloroform	5.086	83	47380	18.344	ug/l	98
31) Cyclohexane	5.464	56	33564	17.321	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	43196	18.208	ug/l	99
36) 1,1-Dichloropropene	5.684	75	29898	18.198	ug/l	100
37) Ethyl Acetate	4.715	43	37389	18.950	ug/l	100
38) Carbon Tetrachloride	5.666	117	35896	18.456	ug/l	95
39) Methylcyclohexane	7.373	83	38325	18.547	ug/l	98
40) Benzene	6.038	78	92487	18.567	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19699	19.181	ug/l	95
42) 1,2-Dichloroethane	6.086	62	39549	19.484	ug/l	100
43) Isopropyl Acetate	6.342	43	63352	19.440	ug/l	99
44) Trichloroethene	7.123	130	23711	17.946	ug/l	94
45) 1,2-Dichloropropane	7.428	63	23105	18.901	ug/l	99
46) Dibromomethane	7.580	93	18873	19.267	ug/l	99
47) Bromodichloromethane	7.818	83	36608	19.009	ug/l	99
48) Methyl methacrylate	7.696	41	30673	19.183	ug/l	99
49) 1,4-Dioxane	7.665	88	13497	434.237	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	195183	98.615	ug/l	99
52) Toluene	8.714	92	60081	19.245	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	36871	19.267	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	38624	18.818	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	24646	19.864	ug/l	97
56) Ethyl methacrylate	9.116	69	41113	20.268	ug/l	99
57) 1,3-Dichloropropane	9.305	76	41745	19.755	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	87285	95.464	ug/l	100
59) 2-Hexanone	9.433	43	151430	101.174	ug/l	100
60) Dibromochloromethane	9.519	129	27328	18.986	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25912	19.438	ug/l	99
64) Tetrachloroethene	9.275	164	22267	19.347	ug/l	97
65) Chlorobenzene	10.079	112	66340	18.604	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	24016	19.046	ug/l	98
67) Ethyl Benzene	10.195	91	116936	18.972	ug/l	100
68) m/p-Xylenes	10.299	106	86716	37.228	ug/l	99
69) o-Xylene	10.640	106	43681	18.872	ug/l	98
70) Styrene	10.653	104	70952	18.915	ug/l	99
71) Bromoform	10.799	173	17561	18.180	ug/l #	98
73) Isopropylbenzene	10.963	105	113755	18.853	ug/l	99
74) N-amyl acetate	10.842	43	53727	18.758	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	37509	19.083	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	36059m	20.947	ug/l	
77) Bromobenzene	11.195	156	27331	18.613	ug/l	98
78) n-propylbenzene	11.305	91	126527	19.102	ug/l	100
79) 2-Chlorotoluene	11.360	91	79756	18.729	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	95625	19.213	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	11485	17.291	ug/l	97
82) 4-Chlorotoluene	11.451	91	89126	18.373	ug/l	98
83) tert-Butylbenzene	11.713	119	94740	18.476	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	94806	18.931	ug/l	98
85) sec-Butylbenzene	11.890	105	116515	19.168	ug/l	99
86) p-Isopropyltoluene	12.006	119	95474	18.825	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	48328	18.684	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	48570	18.213	ug/l	99
89) n-Butylbenzene	12.329	91	78980	18.602	ug/l	99
90) Hexachloroethane	12.536	117	17304	18.193	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	48890	18.482	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8893	18.531	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	28047	18.392	ug/l	99
94) Hexachlorobutadiene	13.725	225	11614	19.211	ug/l	99
95) Naphthalene	13.774	128	102189	18.228	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	29019	18.443	ug/l	99

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

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