

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040038.D
 Acq On : 31 Jan 2024 11:18
 Operator : JC/MD
 Sample : VX0131WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2024
 Supervised By : Mahesh Dadoda 02/01/2024

Quant Time: Feb 01 04:20:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 07:12:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69010	45.701	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.400%		
35) Dibromofluoromethane	5.379	113	52145	45.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.760%		
50) Toluene-d8	8.647	98	194817	45.835	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.680%#		
62) 4-Bromofluorobenzene	11.079	95	78561	48.002	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24753	23.422	ug/l	99
3) Chloromethane	1.294	50	20559	20.513	ug/l	100
4) Vinyl Chloride	1.374	62	16835	18.162	ug/l	97
5) Bromomethane	1.605	94	10793	11.978	ug/l	98
6) Chloroethane	1.685	64	10298	16.829	ug/l	96
7) Trichlorofluoromethane	1.886	101	24335	16.501	ug/l	100
8) Diethyl Ether	2.130	74	9690	18.585	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	20966	19.054	ug/l	97
10) Methyl Iodide	2.453	142	23771	20.294	ug/l	95
11) Tert butyl alcohol	2.953	59	25136	91.740	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	19937	18.892	ug/l	88
13) Acrolein	2.233	56	19220	73.216	ug/l	97
14) Allyl chloride	2.660	41	33369	17.542	ug/l	98
15) Acrylonitrile	3.062	53	65841	95.930	ug/l	99
16) Acetone	2.373	43	63673	89.995	ug/l	97
17) Carbon Disulfide	2.514	76	54008	17.504	ug/l	96
18) Methyl Acetate	2.703	43	35812	21.366	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	68698	19.003	ug/l	98
20) Methylene Chloride	2.788	84	23946	19.045	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	21530	18.525	ug/l	92
22) Diisopropyl ether	3.757	45	70740	19.198	ug/l	96
23) Vinyl Acetate	3.721	43	310711	94.222	ug/l	98
24) 1,1-Dichloroethane	3.611	63	39569	18.750	ug/l	97
25) 2-Butanone	4.550	43	93982	95.556	ug/l	96
26) 2,2-Dichloropropane	4.471	77	29368	17.835	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	24925	19.221	ug/l	93
28) Bromochloromethane	4.897	49	17772	18.060	ug/l	98
29) Tetrahydrofuran	5.001	42	60290	96.409	ug/l	97
30) Chloroform	5.086	83	42390	18.706	ug/l	99
31) Cyclohexane	5.470	56	34386	18.179	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	36556	18.797	ug/l	99
36) 1,1-Dichloropropene	5.690	75	32203	19.591	ug/l	99
37) Ethyl Acetate	4.714	43	34043	18.964	ug/l	96
38) Carbon Tetrachloride	5.678	117	30162	19.178	ug/l	94
39) Methylcyclohexane	7.379	83	39259	19.630	ug/l	96
40) Benzene	6.037	78	91998	19.216	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17270	18.970	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	35126	19.060	ug/l	98
43) Isopropyl Acetate	6.336	43	60731	21.453	ug/l	99
44) Trichloroethene	7.123	130	24578	19.508	ug/l	97
45) 1,2-Dichloropropane	7.427	63	26063	20.619	ug/l	98
46) Dibromomethane	7.580	93	18234	19.218	ug/l	97
47) Bromodichloromethane	7.818	83	33629	19.901	ug/l	99
48) Methyl methacrylate	7.690	41	30614	21.953	ug/l	94
49) 1,4-Dioxane	7.659	88	13133	433.381	ug/l #	90
51) 4-Methyl-2-Pentanone	8.567	43	194298	100.544	ug/l	100
52) Toluene	8.714	92	60023	20.115	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	34108	19.461	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	36527	19.532	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	25566	20.699	ug/l	95
56) Ethyl methacrylate	9.116	69	37815	20.966	ug/l	97
57) 1,3-Dichloropropane	9.305	76	42415	20.848	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	75001	82.692	ug/l	99
59) 2-Hexanone	9.427	43	165613	107.486	ug/l	99
60) Dibromochloromethane	9.518	129	25245	20.341	ug/l	98
61) 1,2-Dibromoethane	9.610	107	26554	19.886	ug/l	99
64) Tetrachloroethene	9.275	164	20855	20.467	ug/l	94
65) Chlorobenzene	10.079	112	64783	20.014	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21584	19.745	ug/l	95
67) Ethyl Benzene	10.195	91	115353	19.862	ug/l	97
68) m/p-Xylenes	10.299	106	89666	41.040	ug/l	99
69) o-Xylene	10.640	106	41509	20.029	ug/l	100
70) Styrene	10.652	104	69104	19.784	ug/l	98
71) Bromoform	10.799	173	16114	19.146	ug/l #	98
73) Isopropylbenzene	10.963	105	113776	20.455	ug/l	100
74) N-amyl acetate	10.841	43	53305	20.883	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	41992	20.080	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	33545m	20.336	ug/l	
77) Bromobenzene	11.195	156	25845	20.143	ug/l	96
78) n-propylbenzene	11.305	91	139347	20.358	ug/l	98
79) 2-Chlorotoluene	11.366	91	80615	19.563	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	96153	20.110	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9454	19.865	ug/l	95
82) 4-Chlorotoluene	11.451	91	95515	20.195	ug/l	98
83) tert-Butylbenzene	11.713	119	90339	19.744	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	95282	19.970	ug/l	98
85) sec-Butylbenzene	11.890	105	120668	19.906	ug/l	100
86) p-Isopropyltoluene	12.006	119	98330	19.865	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51099	19.741	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	52933	19.977	ug/l	97
89) n-Butylbenzene	12.329	91	94654	19.701	ug/l	96
90) Hexachloroethane	12.536	117	14788	19.293	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	48785	19.547	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8799	18.562	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	31776	20.368	ug/l	96
94) Hexachlorobutadiene	13.725	225	13069	21.266	ug/l	96
95) Naphthalene	13.774	128	105585	19.926	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	31605	20.489	ug/l	100

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

