

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032424.D
 Acq On : 27 Oct 2022 13:33
 Operator : JC/MD
 Sample : VX1027WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Oct 28 07:12:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	111482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81759	50.000	ug/l	0.00

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 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78376	50.597	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.200%	
35) Dibromofluoromethane	5.385	113	63039	50.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.340%	
50) Toluene-d8	8.653	98	215058	49.716	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.440%	
62) 4-Bromofluorobenzene	11.079	95	83162	49.216	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.440%	

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28997	22.552	ug/l	98
3) Chloromethane	1.294	50	24079	22.144	ug/l	99
4) Vinyl Chloride	1.373	62	25831	21.585	ug/l	100
5) Bromomethane	1.611	94	23912	25.003	ug/l	96
6) Chloroethane	1.690	64	16574	20.644	ug/l	95
7) Trichlorofluoromethane	1.892	101	47947	21.145	ug/l	98
8) Diethyl Ether	2.135	74	16024	21.807	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	25446	21.262	ug/l	98
10) Methyl Iodide	2.452	142	27328	21.659	ug/l	98
11) Tert butyl alcohol	2.977	59	24033	106.597	ug/l	99
12) 1,1-Dichloroethene	2.324	96	23439	20.965	ug/l	96
13) Acrolein	2.239	56	23566	104.703	ug/l	100
14) Allyl chloride	2.666	41	37140	20.839	ug/l	99
15) Acrylonitrile	3.062	53	64474	105.371	ug/l	99
16) Acetone	2.385	43	57935	102.905	ug/l	100
17) Carbon Disulfide	2.513	76	56891	21.364	ug/l	100
18) Methyl Acetate	2.702	43	39287	21.459	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	81919	20.847	ug/l	96
20) Methylene Chloride	2.794	84	27611	21.390	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	25048	20.582	ug/l	99
22) Diisopropyl ether	3.757	45	79347	20.583	ug/l #	80
23) Vinyl Acetate	3.721	43	326058	104.692	ug/l	100
24) 1,1-Dichloroethane	3.611	63	45471	20.507	ug/l	98
25) 2-Butanone	4.556	43	89844	103.004	ug/l	99
26) 2,2-Dichloropropane	4.470	77	35305	20.030	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	29245	20.790	ug/l	98
28) Bromochloromethane	4.903	49	15932	20.172	ug/l	99
29) Tetrahydrofuran	5.007	42	57883	104.070	ug/l	100
30) Chloroform	5.092	83	50489	20.751	ug/l	98
31) Cyclohexane	5.470	56	38975	20.752	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	44794	20.516	ug/l	99
36) 1,1-Dichloropropene	5.696	75	35605	20.553	ug/l	100
37) Ethyl Acetate	4.708	43	35937	19.929	ug/l #	93
38) Carbon Tetrachloride	5.684	117	39724	20.674	ug/l	93
39) Methylcyclohexane	7.385	83	44654	21.786	ug/l	95
40) Benzene	6.037	78	102391	20.886	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20002	21.774	ug/l	95
42) 1,2-Dichloroethane	6.092	62	43230	21.572	ug/l	100
43) Isopropyl Acetate	6.342	43	57801	20.877	ug/l	100
44) Trichloroethene	7.128	130	28333	20.531	ug/l	97
45) 1,2-Dichloropropane	7.433	63	26913	21.386	ug/l	99
46) Dibromomethane	7.580	93	20628	21.374	ug/l	98
47) Bromodichloromethane	7.823	83	38202	20.885	ug/l	100
48) Methyl methacrylate	7.695	41	29948	20.944	ug/l	99
49) 1,4-Dioxane	7.683	88	11884	436.099	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	185382	106.301	ug/l	100
52) Toluene	8.720	92	64891	20.289	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	37674	20.187	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	41593	20.837	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	28193	20.930	ug/l	98
56) Ethyl methacrylate	9.116	69	41124	21.216	ug/l	99
57) 1,3-Dichloropropane	9.311	76	45838	21.073	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	100184	107.337	ug/l	99
59) 2-Hexanone	9.433	43	138424	106.973	ug/l	99
60) Dibromochloromethane	9.518	129	30554	20.767	ug/l	96
61) 1,2-Dibromoethane	9.610	107	29243	20.489	ug/l	99
64) Tetrachloroethene	9.274	164	23741	20.541	ug/l	96
65) Chlorobenzene	10.079	112	72654	20.540	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	27628	20.753	ug/l	98
67) Ethyl Benzene	10.195	91	129817	20.523	ug/l	100
68) m/p-Xylenes	10.305	106	101864	41.472	ug/l	100
69) o-Xylene	10.640	106	49793	20.851	ug/l	97
70) Styrene	10.658	104	80332	20.241	ug/l	100
71) Bromoform	10.799	173	21106	20.052	ug/l #	99
73) Isopropylbenzene	10.963	105	132986	20.527	ug/l	98
74) N-amyl acetate	10.841	43	50396	20.587	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	42698	20.532	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	37712m	20.733	ug/l	
77) Bromobenzene	11.201	156	31694	19.954	ug/l	99
78) n-propylbenzene	11.305	91	150706	20.190	ug/l	100
79) 2-Chlorotoluene	11.366	91	90548	20.256	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	113177	20.440	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10864	19.005	ug/l	94
82) 4-Chlorotoluene	11.457	91	106396	20.340	ug/l	100
83) tert-Butylbenzene	11.713	119	112755	20.397	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	113521	20.613	ug/l	100
85) sec-Butylbenzene	11.890	105	137318	20.644	ug/l	99
86) p-Isopropyltoluene	12.012	119	118919	21.069	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	60196	20.091	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	61385	19.749	ug/l	99
89) n-Butylbenzene	12.335	91	101149	20.599	ug/l	99
90) Hexachloroethane	12.536	117	18657	20.237	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	60554	20.497	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	9326	20.454	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	38770	20.127	ug/l	97
94) Hexachlorobutadiene	13.725	225	16147	20.071	ug/l	99
95) Naphthalene	13.774	128	128681	20.048	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	38509	19.667	ug/l	100

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

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