

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029063.D
 Acq On : 28 May 2022 07:32
 Operator : JC/MD
 Sample : N3022-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N3022-05MSMS

Quant Time: May 28 08:40:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/31/2022
 Supervised By : Mahesh Dadoda 05/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	246570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	413673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161664	47.831	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.660%		
35) Dibromofluoromethane	5.391	113	140074	51.682	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.360%		
50) Toluene-d8	8.653	98	497935	48.729	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.460%		
62) 4-Bromofluorobenzene	11.085	95	196652	51.525	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	226039	70.012	ug/l	100
3) Chloromethane	1.288	50	132033	43.424	ug/l	99
4) Vinyl Chloride	1.374	62	486671	148.525	ug/l	98
5) Bromomethane	1.605	94	125183	54.528	ug/l	99
6) Chloroethane	1.678	64	93164	44.912	ug/l	98
7) Trichlorofluoromethane	1.886	101	226633	43.382	ug/l	97
8) Diethyl Ether	2.136	74	90079	47.322	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	234409	85.268	ug/l	99
10) Methyl Iodide	2.453	142	153814	46.734	ug/l	97
11) Tert butyl alcohol	3.020	59	181790m	253.554	ug/l	
12) 1,1-Dichloroethene	2.319	96	161280	63.201	ug/l	97
13) Acrolein	2.239	56	81551	146.999	ug/l	98
14) Allyl chloride	2.666	41	198902	48.597	ug/l	96
15) Acrylonitrile	3.068	53	433773	266.371	ug/l	99
16) Acetone	2.386	43	402187	277.261	ug/l	97
17) Carbon Disulfide	2.514	76	249286	37.684	ug/l	98
18) Methyl Acetate	2.703	43	211471	58.206	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	497488	54.936	ug/l	100
20) Methylene Chloride	2.788	84	151350	49.733	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	158613	55.181	ug/l	99
22) Diisopropyl ether	3.763	45	458472	52.418	ug/l	95
23) Vinyl Acetate	3.727	43	1618398	214.638	ug/l	98
24) 1,1-Dichloroethane	3.611	63	268483	52.801	ug/l	99
25) 2-Butanone	4.562	43	589173	258.758	ug/l	98
26) 2,2-Dichloropropane	4.483	77	139457	34.979	ug/l #	1
27) cis-1,2-Dichloroethene	4.495	96	6861292	2043.769	ug/l	85
28) Bromochloromethane	4.904	49	91339	42.676	ug/l	100
29) Tetrahydrofuran	5.007	42	373281	252.211	ug/l	94
30) Chloroform	5.099	83	293097	53.261	ug/l	99
31) Cyclohexane	5.477	56	204123	43.509	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	250471	52.136	ug/l	99
36) 1,1-Dichloropropene	5.696	75	194289	47.727	ug/l	98
37) Ethyl Acetate	4.715	43	218958	51.496	ug/l #	79
38) Carbon Tetrachloride	5.684	117	218149	53.249	ug/l	99
39) Methylcyclohexane	7.385	83	217741	46.640	ug/l	96
40) Benzene	6.044	78	599971	51.281	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	123555	54.196	ug/l	95
42) 1,2-Dichloroethane	6.092	62	220321	51.054	ug/l	99
43) Isopropyl Acetate	6.348	43	347782	52.283	ug/l	98
44) Trichloroethene	7.159	130	22395357	7058.094	ug/l	97
45) 1,2-Dichloropropane	7.434	63	156900	53.751	ug/l	99
46) Dibromomethane	7.586	93	113808	52.208	ug/l	97
47) Bromodichloromethane	7.824	83	230948	57.064	ug/l	100
48) Methyl methacrylate	7.696	41	170202	52.967	ug/l	93
49) 1,4-Dioxane	7.684	88	75058	934.997	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1131040	258.136	ug/l	97
52) Toluene	8.720	92	390476	51.883	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	227998	48.975	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	245096	53.821	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	171947	56.029	ug/l	99
56) Ethyl methacrylate	9.122	69	260241	55.998	ug/l	94
57) 1,3-Dichloropropane	9.311	76	277192	53.552	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	557916	245.207	ug/l	96
59) 2-Hexanone	9.433	43	842645	247.533	ug/l	95
60) Dibromochloromethane	9.525	129	181867	60.764	ug/l	96
61) 1,2-Dibromoethane	9.610	107	178741	55.453	ug/l	98
64) Tetrachloroethene	9.275	164	247035	86.349	ug/l	98
65) Chlorobenzene	10.079	112	433016	53.878	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	170352	59.836	ug/l	99
67) Ethyl Benzene	10.195	91	754505	52.377	ug/l	97
68) m/p-Xylenes	10.305	106	587682	104.786	ug/l	99
69) o-Xylene	10.646	106	293018	53.066	ug/l	100
70) Styrene	10.659	104	501075	55.880	ug/l	99
71) Bromoform	10.799	173	130510	55.121	ug/l #	99
73) Isopropylbenzene	10.963	105	768011	52.486	ug/l	100
74) N-amyl acetate	10.848	43	286332	49.779	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	255927	50.982	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	231530m	51.237	ug/l	
77) Bromobenzene	11.201	156	189698	54.790	ug/l	98
78) n-propylbenzene	11.305	91	863374	51.009	ug/l	98
79) 2-Chlorotoluene	11.366	91	536553	51.720	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	647952	53.143	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	67093	44.735	ug/l	92
82) 4-Chlorotoluene	11.457	91	611372	50.977	ug/l	99
83) tert-Butylbenzene	11.713	119	606512	51.377	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	647552	52.962	ug/l	99
85) sec-Butylbenzene	11.890	105	786878	54.037	ug/l	100
86) p-Isopropyltoluene	12.012	119	668738	54.729	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	356116	52.439	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	355839	50.517	ug/l	99
89) n-Butylbenzene	12.335	91	546918	51.659	ug/l	99
90) Hexachloroethane	12.542	117	114572	57.982	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	356349	53.416	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59740	55.734	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	222844	57.835	ug/l	99
94) Hexachlorobutadiene	13.725	225	86204	55.070	ug/l	94
95) Naphthalene	13.774	128	807572	58.898	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	227906	58.891	ug/l	95

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

