

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028847.D
 Acq On : 20 May 2022 13:50
 Operator : JC/MD
 Sample : VX0520WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

Quant Time: May 20 23:27:40 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	236969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	384884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	351235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160683	49.467	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.940%		
35) Dibromofluoromethane	5.385	113	130300	51.671	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.340%		
50) Toluene-d8	8.647	98	471338	49.577	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.160%		
62) 4-Bromofluorobenzene	11.079	95	175405	49.395	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53225	17.153	ug/l	100
3) Chloromethane	1.288	50	50193	17.177	ug/l	99
4) Vinyl Chloride	1.374	62	54783	17.396	ug/l	99
5) Bromomethane	1.605	94	57785	22.956	ug/l	98
6) Chloroethane	1.685	64	41616	19.643	ug/l	99
7) Trichlorofluoromethane	1.886	101	110585	22.026	ug/l	96
8) Diethyl Ether	2.136	74	39684	21.692	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	62401	23.618	ug/l	97
10) Methyl Iodide	2.453	142	60242	19.045	ug/l	93
11) Tert butyl alcohol	2.965	59	83148	116.351	ug/l	98
12) 1,1-Dichloroethene	2.319	96	54187	22.094	ug/l	96
13) Acrolein	2.233	56	33705	63.216	ug/l	94
14) Allyl chloride	2.666	41	87905	22.348	ug/l	90
15) Acrylonitrile	3.062	53	171962	109.877	ug/l	99
16) Acetone	2.380	43	180139	129.216	ug/l	89
17) Carbon Disulfide	2.514	76	126266	19.861	ug/l	99
18) Methyl Acetate	2.703	43	82045	23.497	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	205266	23.585	ug/l	99
20) Methylene Chloride	2.788	84	64446	22.035	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	60523	21.909	ug/l	96
22) Diisopropyl ether	3.757	45	156536	18.622	ug/l #	79
23) Vinyl Acetate	3.721	43	681359	94.026	ug/l	97
24) 1,1-Dichloroethane	3.611	63	90989	18.619	ug/l	99
25) 2-Butanone	4.556	43	206365	94.305	ug/l	94
26) 2,2-Dichloropropane	4.477	77	72804	19.001	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	59118	18.323	ug/l	100
28) Bromochloromethane	4.897	49	36322	17.658	ug/l	95
29) Tetrahydrofuran	5.007	42	125368	88.138	ug/l	95
30) Chloroform	5.099	83	100897	19.078	ug/l	96
31) Cyclohexane	5.471	56	79559	17.645	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	87054	18.855	ug/l	99
36) 1,1-Dichloropropene	5.690	75	71573	18.897	ug/l	98
37) Ethyl Acetate	4.715	43	78121	19.747	ug/l	97
38) Carbon Tetrachloride	5.678	117	75186	19.725	ug/l	99
39) Methylcyclohexane	7.385	83	84508	19.456	ug/l	96
40) Benzene	6.037	78	207076	19.023	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	40763	19.218	ug/l	94
42) 1,2-Dichloroethane	6.092	62	79743	19.861	ug/l	99
43) Isopropyl Acetate	6.342	43	117895	19.049	ug/l	95
44) Trichloroethene	7.129	130	57763	19.566	ug/l	99
45) 1,2-Dichloropropane	7.427	63	53462	19.685	ug/l	97
46) Dibromomethane	7.580	93	39945	19.695	ug/l	92
47) Bromodichloromethane	7.824	83	75433	20.033	ug/l	93
48) Methyl methacrylate	7.696	41	58112	19.437	ug/l #	86
49) 1,4-Dioxane	7.671	88	27002	361.524	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	400861	98.331	ug/l	93
52) Toluene	8.720	92	134807	19.252	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	73126	17.958	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	81894	19.328	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	57283	20.062	ug/l	99
56) Ethyl methacrylate	9.116	69	83773	19.374	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	94426	19.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	220476	104.148	ug/l	98
59) 2-Hexanone	9.433	43	306177	96.669	ug/l	90
60) Dibromochloromethane	9.525	129	56017	20.116	ug/l	97
61) 1,2-Dibromoethane	9.610	107	59810	19.944	ug/l	99
64) Tetrachloroethene	9.275	164	53264	20.082	ug/l	96
65) Chlorobenzene	10.079	112	146739	19.693	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	53718	20.352	ug/l	100
67) Ethyl Benzene	10.195	91	261557	19.584	ug/l	98
68) m/p-Xylenes	10.305	106	202930	39.027	ug/l	99
69) o-Xylene	10.646	106	98389	19.219	ug/l	97
70) Styrene	10.659	104	165411	19.897	ug/l	98
71) Bromoform	10.799	173	37652	18.426	ug/l #	97
73) Isopropylbenzene	10.963	105	266065	19.912	ug/l	98
74) N-amyl acetate	10.848	43	98162	18.689	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	88413	19.287	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79812m	19.342	ug/l	
77) Bromobenzene	11.201	156	61802	19.548	ug/l	98
78) n-propylbenzene	11.305	91	304657	19.711	ug/l	99
79) 2-Chlorotoluene	11.366	91	183261	19.345	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	224602	20.173	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21581	18.265	ug/l #	76
82) 4-Chlorotoluene	11.457	91	211246	19.289	ug/l	99
83) tert-Butylbenzene	11.719	119	220166	20.424	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	226974	20.329	ug/l	99
85) sec-Butylbenzene	11.890	105	271398	20.410	ug/l	100
86) p-Isopropyltoluene	12.012	119	230323	20.642	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	118927	19.178	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	121306	18.859	ug/l	98
89) n-Butylbenzene	12.335	91	195204	20.191	ug/l	97
90) Hexachloroethane	12.542	117	35615	19.738	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	119860	19.675	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19559	19.983	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	73708	20.949	ug/l	98
94) Hexachlorobutadiene	13.725	225	29176	20.411	ug/l	98
95) Naphthalene	13.780	128	256109	20.455	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72156	20.419	ug/l	98

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

