

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036202.D
 Acq On : 19 Jun 2023 13:39
 Operator : JC/MD
 Sample : VX0619WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Quant Time: Jun 20 03:40:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	300933	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170195	53.155	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.320%			
35) Dibromofluoromethane	5.385	113	110410	54.105	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.200%			
50) Toluene-d8	8.647	98	394528	52.853	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.700%			
62) 4-Bromofluorobenzene	11.079	95	159642	52.981	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41971	19.516	ug/l	99
3) Chloromethane	1.294	50	42843	18.829	ug/l	99
4) Vinyl Chloride	1.374	62	44084	20.337	ug/l	96
5) Bromomethane	1.611	94	25765	19.336	ug/l	100
6) Chloroethane	1.691	64	26841	19.137	ug/l	99
7) Trichlorofluoromethane	1.886	101	73333	20.904	ug/l	97
8) Diethyl Ether	2.130	74	24627	18.861	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	42423	21.206	ug/l	97
10) Methyl Iodide	2.453	142	41718	20.224	ug/l	99
11) Tert butyl alcohol	2.989	59	48139	98.344	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	37673	19.915	ug/l	97
13) Acrolein	2.239	56	52322	96.251	ug/l	99
14) Allyl chloride	2.666	41	76086	19.878	ug/l	97
15) Acrylonitrile	3.062	53	118814	94.884	ug/l	98
16) Acetone	2.386	43	129534	97.374	ug/l	98
17) Carbon Disulfide	2.514	76	92297	19.739	ug/l	99
18) Methyl Acetate	2.703	43	96771	19.181	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	143834	19.422	ug/l	98
20) Methylene Chloride	2.788	84	44893	18.627	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	41629	19.806	ug/l	98
22) Diisopropyl ether	3.757	45	151862	19.937	ug/l	94
23) Vinyl Acetate	3.721	43	541873	100.375	ug/l	99
24) 1,1-Dichloroethane	3.605	63	83716	19.892	ug/l	99
25) 2-Butanone	4.562	43	179344	96.300	ug/l	99
26) 2,2-Dichloropropane	4.477	77	66488	20.316	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	46492	19.344	ug/l	95
28) Bromochloromethane	4.891	49	36179	16.491	ug/l	94
29) Tetrahydrofuran	5.007	42	112013	94.702	ug/l	97
30) Chloroform	5.093	83	85497	19.290	ug/l	95
31) Cyclohexane	5.464	56	68554	19.958	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	74523	19.832	ug/l	97
36) 1,1-Dichloropropene	5.690	75	61347	20.408	ug/l	98
37) Ethyl Acetate	4.715	43	67226	19.195	ug/l	98
38) Carbon Tetrachloride	5.678	117	61423	21.019	ug/l	95
39) Methylcyclohexane	7.379	83	70470	21.767	ug/l	97
40) Benzene	6.037	78	174589	20.653	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36886	19.103	ug/l	96
42) 1,2-Dichloroethane	6.086	62	80746	21.203	ug/l	99
43) Isopropyl Acetate	6.336	43	109225	20.379	ug/l	98
44) Trichloroethene	7.123	130	42519	20.128	ug/l	91
45) 1,2-Dichloropropane	7.427	63	45419	20.210	ug/l	96
46) Dibromomethane	7.580	93	33622	21.001	ug/l	95
47) Bromodichloromethane	7.818	83	64488	20.981	ug/l	99
48) Methyl methacrylate	7.690	41	56192	20.434	ug/l	98
49) 1,4-Dioxane	7.696	88	21325	463.178	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	347838	102.780	ug/l	97
52) Toluene	8.720	92	108193	20.443	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	63015	19.904	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	68470	20.168	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	43964	20.122	ug/l	97
56) Ethyl methacrylate	9.116	69	65998	19.996	ug/l	90
57) 1,3-Dichloropropane	9.305	76	77529	19.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	192250	105.681	ug/l	97
59) 2-Hexanone	9.427	43	264941	105.301	ug/l	96
60) Dibromochloromethane	9.519	129	44778	20.997	ug/l	98
61) 1,2-Dibromoethane	9.610	107	47391	20.803	ug/l	100
64) Tetrachloroethene	9.275	164	36143	21.127	ug/l	97
65) Chlorobenzene	10.079	112	113944	19.998	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	40331	20.512	ug/l	99
67) Ethyl Benzene	10.195	91	211505	20.785	ug/l	98
68) m/p-Xylenes	10.299	106	157084	40.916	ug/l	94
69) o-Xylene	10.640	106	76457	20.185	ug/l	95
70) Styrene	10.653	104	127025	20.126	ug/l	97
71) Bromoform	10.799	173	26526	19.596	ug/l #	97
73) Isopropylbenzene	10.963	105	204978	20.120	ug/l	99
74) N-amyl acetate	10.842	43	91028	19.772	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	69966	20.056	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	60024m	18.421	ug/l	
77) Bromobenzene	11.195	156	44989	18.848	ug/l	91
78) n-propylbenzene	11.305	91	250415	20.894	ug/l	97
79) 2-Chlorotoluene	11.366	91	150583	19.976	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	177175	20.423	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16871	18.122	ug/l	85
82) 4-Chlorotoluene	11.451	91	177236	20.179	ug/l	97
83) tert-Butylbenzene	11.713	119	168708	20.456	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	178502	20.629	ug/l	100
85) sec-Butylbenzene	11.890	105	220107	21.434	ug/l	98
86) p-Isopropyltoluene	12.006	119	178955	20.713	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	88952	19.541	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	92115	19.756	ug/l	98
89) n-Butylbenzene	12.329	91	164355	21.316	ug/l	98
90) Hexachloroethane	12.536	117	28164	20.782	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	90462	20.248	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16278	21.156	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	52539	20.746	ug/l	98
94) Hexachlorobutadiene	13.725	225	21158	21.133	ug/l	96
95) Naphthalene	13.774	128	175797	20.124	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	51590	20.314	ug/l	99

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

