

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037312.D
 Acq On : 29 Aug 2023 01:54
 Operator : JC/MD
 Sample : VX0828WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBSD02

Quant Time: Aug 29 03:09:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/29/2023
 Supervised By : Semsettin Yesilyurt 08/29/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	97461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89563	63.743	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 127.480%#			
35) Dibromofluoromethane	5.385	113	73588	57.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.180%			
50) Toluene-d8	8.647	98	244374	52.269	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.540%			
62) 4-Bromofluorobenzene	11.079	95	101835	55.426	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20183	17.828	ug/l	98
3) Chloromethane	1.294	50	25732	25.980	ug/l	96
4) Vinyl Chloride	1.374	62	22837	21.183	ug/l	98
5) Bromomethane	1.599	94	11383	21.197	ug/l	100
6) Chloroethane	1.666	64	14099	22.224	ug/l	92
7) Trichlorofluoromethane	1.880	101	32445	18.372	ug/l	99
8) Diethyl Ether	2.130	74	16668	24.395	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	17419	16.908	ug/l	98
10) Methyl Iodide	2.447	142	27987	22.351	ug/l	95
11) Tert butyl alcohol	2.971	59	39449	119.688	ug/l #	94
12) 1,1-Dichloroethene	2.313	96	19418	19.355	ug/l	88
13) Acrolein	2.233	56	15303	61.031	ug/l	100
14) Allyl chloride	2.660	41	29061	18.714	ug/l #	90
15) Acrylonitrile	3.062	53	73530	124.989	ug/l	97
16) Acetone	2.380	43	61775	112.384	ug/l	90
17) Carbon Disulfide	2.508	76	45821	17.955	ug/l	98
18) Methyl Acetate	2.703	43	48753	23.556	ug/l #	89
19) Methyl tert-butyl Ether	3.111	73	89432	23.504	ug/l	94
20) Methylene Chloride	2.788	84	29783	24.229	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	23203	20.345	ug/l	90
22) Diisopropyl ether	3.757	45	73721	23.135	ug/l #	94
23) Vinyl Acetate	3.721	43	279814	114.589	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	44505	22.272	ug/l	98
25) 2-Butanone	4.556	43	95358	115.215	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	23895	13.390	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	30166	22.436	ug/l	84
28) Bromochloromethane	4.897	49	22210	24.881	ug/l #	77
29) Tetrahydrofuran	5.007	42	61519	116.553	ug/l #	83
30) Chloroform	5.092	83	49577	22.101	ug/l	99
31) Cyclohexane	5.464	56	27416	17.353	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	39720	19.760	ug/l	96
36) 1,1-Dichloropropene	5.690	75	29400	16.055	ug/l	97
37) Ethyl Acetate	4.715	43	36036	19.265	ug/l #	92
38) Carbon Tetrachloride	5.672	117	31738	15.956	ug/l	99
39) Methylcyclohexane	7.379	83	30120	15.656	ug/l	89
40) Benzene	6.037	78	104192	19.839	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19588	20.144	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	41319	20.063	ug/l	94
43) Isopropyl Acetate	6.342	43	58825	19.808	ug/l #	92
44) Trichloroethene	7.123	130	25474	17.106	ug/l	95
45) 1,2-Dichloropropane	7.427	63	26981	20.836	ug/l	99
46) Dibromomethane	7.580	93	20656	20.249	ug/l	94
47) Bromodichloromethane	7.824	83	37597	19.242	ug/l	98
48) Methyl methacrylate	7.696	41	28908	19.960	ug/l #	85
49) 1,4-Dioxane	7.665	88	17791	456.128	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	191710	106.311	ug/l	91
52) Toluene	8.720	92	66926	19.287	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	37164	17.863	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	40228	17.893	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	30032	21.255	ug/l	98
56) Ethyl methacrylate	9.116	69	45729	20.662	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	50206	21.078	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	120277	113.245	ug/l	92
59) 2-Hexanone	9.433	43	148431	107.952	ug/l	87
60) Dibromochloromethane	9.519	129	29761	19.783	ug/l	99
61) 1,2-Dibromoethane	9.610	107	32400	20.944	ug/l	99
64) Tetrachloroethene	9.275	164	20214	14.854	ug/l	96
65) Chlorobenzene	10.079	112	73092	18.538	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	27559	18.939	ug/l	99
67) Ethyl Benzene	10.195	91	121187	17.468	ug/l	99
68) m/p-Xylenes	10.299	106	95179	35.525	ug/l	98
69) o-Xylene	10.640	106	49354	18.671	ug/l	99
70) Styrene	10.652	104	83089	19.083	ug/l	96
71) Bromoform	10.799	173	21046	19.335	ug/l #	100
73) Isopropylbenzene	10.963	105	118522	17.322	ug/l	100
74) N-amyl acetate	10.841	43	52007	19.561	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	48808	21.181	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39872m	19.888	ug/l	
77) Bromobenzene	11.195	156	31803	19.031	ug/l	94
78) n-propylbenzene	11.305	91	127729	16.764	ug/l	99
79) 2-Chlorotoluene	11.366	91	89693	18.421	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	102725	17.997	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10256	14.288	ug/l	95
82) 4-Chlorotoluene	11.451	91	100995	17.969	ug/l	98
83) tert-Butylbenzene	11.713	119	100686	18.497	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	105967	18.370	ug/l	98
85) sec-Butylbenzene	11.890	105	111900	17.599	ug/l	99
86) p-Isopropyltoluene	12.006	119	96462	17.624	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	57934	18.517	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	57939	17.924	ug/l	97
89) n-Butylbenzene	12.329	91	73003	16.087	ug/l	99
90) Hexachloroethane	12.536	117	17410	19.057	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	61760	20.159	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10702	19.987	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	32726	18.256	ug/l	97
94) Hexachlorobutadiene	13.725	225	11390	16.447	ug/l	98
95) Naphthalene	13.774	128	133219	16.966	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	35186	19.757	ug/l	99

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

