

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037753.D
 Acq On : 15 Sep 2023 14:26
 Operator : JC/MD
 Sample : VX0915WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

Quant Time: Sep 16 05:43:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2023
 Supervised By : Mahesh Dadoda 09/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	249886	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	400709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168043	51.184	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.360%			
35) Dibromofluoromethane	5.385	113	140677	52.469	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.940%			
50) Toluene-d8	8.647	98	524597	52.659	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.320%			
62) 4-Bromofluorobenzene	11.079	95	193623	53.486	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	49084	18.636	ug/l	100
3) Chloromethane	1.301	50	51144	17.847	ug/l	96
4) Vinyl Chloride	1.374	62	54830	17.735	ug/l	99
5) Bromomethane	1.599	94	45605	20.605	ug/l	100
6) Chloroethane	1.685	64	37001	17.372	ug/l	97
7) Trichlorofluoromethane	1.886	101	93590	18.829	ug/l	99
8) Diethyl Ether	2.136	74	34744	18.043	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	47599	18.870	ug/l	97
10) Methyl Iodide	2.453	142	60536	18.134	ug/l	92
11) Tert butyl alcohol	2.953	59	64856	92.032	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	44737	18.351	ug/l	84
13) Acrolein	2.233	56	59826	85.933	ug/l	99
14) Allyl chloride	2.660	41	71686	17.655	ug/l	# 96
15) Acrylonitrile	3.062	53	141252	90.151	ug/l	99
16) Acetone	2.380	43	133885	84.770	ug/l	90
17) Carbon Disulfide	2.514	76	107239	17.545	ug/l	99
18) Methyl Acetate	2.703	43	102045	17.911	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	163778	18.263	ug/l	99
20) Methylene Chloride	2.788	84	55770	19.084	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	49410	18.252	ug/l	90
22) Diisopropyl ether	3.757	45	156564	18.512	ug/l	# 97
23) Vinyl Acetate	3.721	43	577676	92.860	ug/l	# 95
24) 1,1-Dichloroethane	3.605	63	90379	17.833	ug/l	99
25) 2-Butanone	4.556	43	197600	88.659	ug/l	92
26) 2,2-Dichloropropane	4.477	77	73098	17.850	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	59719	17.995	ug/l	91
28) Bromochloromethane	4.897	49	43518	18.406	ug/l	# 82
29) Tetrahydrofuran	5.001	42	124826	90.040	ug/l	90
30) Chloroform	5.093	83	97646	17.885	ug/l	97
31) Cyclohexane	5.470	56	79452	18.855	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	85277	18.447	ug/l	97
36) 1,1-Dichloropropene	5.696	75	69162	18.726	ug/l	97
37) Ethyl Acetate	4.715	43	75248	18.532	ug/l	96
38) Carbon Tetrachloride	5.678	117	71541	18.512	ug/l	98
39) Methylcyclohexane	7.379	83	91385	19.495	ug/l	93
40) Benzene	6.037	78	212397	18.700	ug/l	100

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41) Methacrylonitrile	4.922	41	38665	18.675	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	77532	18.887	ug/l	97
43) Isopropyl Acetate	6.342	43	120125	18.502	ug/l #	96
44) Trichloroethene	7.123	130	56827	17.966	ug/l	96
45) 1,2-Dichloropropane	7.434	63	54537	18.490	ug/l	97
46) Dibromomethane	7.580	93	40724	19.194	ug/l	94
47) Bromodichloromethane	7.824	83	71796	18.373	ug/l	93
48) Methyl methacrylate	7.690	41	57428	18.503	ug/l #	85
49) 1,4-Dioxane	7.659	88	31855	391.488	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	388478	94.307	ug/l	95
52) Toluene	8.720	92	137581	18.796	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	75899	18.576	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	85191	18.839	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	58254	18.876	ug/l	97
56) Ethyl methacrylate	9.116	69	87357	18.961	ug/l	90
57) 1,3-Dichloropropane	9.305	76	93894	18.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	197443	91.776	ug/l	99
59) 2-Hexanone	9.427	43	302325	94.262	ug/l	93
60) Dibromochloromethane	9.519	129	56343	18.327	ug/l	99
61) 1,2-Dibromoethane	9.610	107	62448	19.112	ug/l	99
64) Tetrachloroethene	9.275	164	49429	19.256	ug/l	97
65) Chlorobenzene	10.079	112	150900	18.586	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	53955	18.753	ug/l	97
67) Ethyl Benzene	10.195	91	268422	19.069	ug/l	99
68) m/p-Xylenes	10.299	106	210892	38.772	ug/l	97
69) o-Xylene	10.640	106	104206	19.105	ug/l	98
70) Styrene	10.659	104	167253	19.101	ug/l	96
71) Bromoform	10.799	173	40953	18.018	ug/l #	100
73) Isopropylbenzene	10.963	105	274124	19.150	ug/l	99
74) N-amyl acetate	10.841	43	109863	18.951	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	94410	18.753	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83705m	18.548	ug/l	
77) Bromobenzene	11.195	156	66593	18.796	ug/l	89
78) n-propylbenzene	11.305	91	314592	19.460	ug/l	99
79) 2-Chlorotoluene	11.366	91	188807	18.942	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	234401	19.390	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23952	17.002	ug/l	94
82) 4-Chlorotoluene	11.451	91	214458	19.111	ug/l	96
83) tert-Butylbenzene	11.713	119	230455	18.863	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	235003	19.539	ug/l	98
85) sec-Butylbenzene	11.890	105	291155	19.643	ug/l	99
86) p-Isopropyltoluene	12.006	119	241311	19.541	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	124597	18.866	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	124998	18.496	ug/l	98
89) n-Butylbenzene	12.329	91	209862	19.399	ug/l	97
90) Hexachloroethane	12.536	117	38688	18.490	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	127902	18.968	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18961	18.895	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	79864	20.107	ug/l	95
94) Hexachlorobutadiene	13.725	225	36134	19.481	ug/l	99
95) Naphthalene	13.774	128	263544	19.619	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	78431	19.188	ug/l	97

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

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