

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038714.D
 Acq On : 10 Nov 2023 08:53
 Operator : JC/MD
 Sample : 05241-10MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-15-20231102MS

Quant Time: Nov 10 16:44:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/13/2023
 Supervised By : Mahesh Dadoda 11/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	256010	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	422092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	178080	55.873	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.740%			
35) Dibromofluoromethane	5.385	113	163149	53.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.340%			
50) Toluene-d8	8.647	98	501621	46.111	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.220%			
62) 4-Bromofluorobenzene	11.079	95	197668	46.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	118872	44.712	ug/l	99
3) Chloromethane	1.295	50	120723	52.535	ug/l	98
4) Vinyl Chloride	1.374	62	127361	52.062	ug/l	99
5) Bromomethane	1.599	94	99593	52.746	ug/l	98
6) Chloroethane	1.685	64	91445	59.037	ug/l	100
7) Trichlorofluoromethane	1.886	101	204504	48.490	ug/l	99
8) Diethyl Ether	2.136	74	85048	58.743	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	99965	40.087	ug/l	89
10) Methyl Iodide	2.453	142	181524	58.941	ug/l	92
11) Tert butyl alcohol	2.959	59	191965	294.626	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	121991	51.059	ug/l #	79
13) Acrolein	2.233	56	117941	238.830	ug/l	100
14) Allyl chloride	2.666	41	173551	50.715	ug/l #	93
15) Acrylonitrile	3.063	53	415421	302.113	ug/l	99
16) Acetone	2.380	43	358652	267.191	ug/l #	89
17) Carbon Disulfide	2.514	76	290665	45.786	ug/l	98
18) Methyl Acetate	2.703	43	302541	52.904	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	454568	59.496	ug/l	97
20) Methylene Chloride	2.788	84	152490	56.354	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	138815	53.368	ug/l #	81
22) Diisopropyl ether	3.757	45	371076	57.534	ug/l #	89
23) Vinyl Acetate	3.721	43	1185316	258.922	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	236702	55.471	ug/l	97
25) 2-Butanone	4.550	43	558871	287.412	ug/l #	85
26) 2,2-Dichloropropane	4.477	77	128083	34.378	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	169528	56.441	ug/l	80
28) Bromochloromethane	4.898	49	110979	57.872	ug/l #	57
29) Tetrahydrofuran	5.001	42	361535	298.836	ug/l #	80
30) Chloroform	5.093	83	273887	54.704	ug/l	96
31) Cyclohexane	5.471	56	128709	36.488	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	247907	56.265	ug/l	95
36) 1,1-Dichloropropene	5.696	75	157989	41.837	ug/l	93
37) Ethyl Acetate	4.709	43	188841	48.979	ug/l #	94
38) Carbon Tetrachloride	5.678	117	188500	44.651	ug/l	99
39) Methylcyclohexane	7.379	83	150763	31.932	ug/l	92
40) Benzene	6.038	78	535540	49.237	ug/l	99

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41) Methacrylonitrile	4.922	41	108447	55.210	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	210450	53.623	ug/l	96
43) Isopropyl Acetate	6.336	43	294349	49.658	ug/l #	91
44) Trichloroethene	7.123	130	666283	196.879	ug/l	92
45) 1,2-Dichloropropane	7.428	63	135465	51.520	ug/l	99
46) Dibromomethane	7.580	93	118702	53.982	ug/l #	85
47) Bromodichloromethane	7.824	83	212968	51.499	ug/l	98
48) Methyl methacrylate	7.690	41	153206	53.633	ug/l #	84
49) 1,4-Dioxane	7.659	88	77248	1187.873	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	1077912	279.111	ug/l	91
52) Toluene	8.720	92	334605	46.961	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	207077	49.185	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	215252	48.430	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	166685	55.135	ug/l	97
56) Ethyl methacrylate	9.116	69	236492	55.910	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	253103	53.751	ug/l	100
59) 2-Hexanone	9.427	43	849044	271.707	ug/l	88
60) Dibromochloromethane	9.519	129	185264	54.590	ug/l	100
61) 1,2-Dibromoethane	9.610	107	184994	54.447	ug/l	99
64) Tetrachloroethene	9.275	164	118419	40.583	ug/l	92
65) Chlorobenzene	10.080	112	383870	48.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	160089	53.664	ug/l	99
67) Ethyl Benzene	10.195	91	597474	44.510	ug/l	97
68) m/p-Xylenes	10.299	106	476349	89.413	ug/l	96
69) o-Xylene	10.640	106	246472	47.574	ug/l	95
70) Styrene	10.653	104	411648	48.143	ug/l	95
71) Bromoform	10.799	173	149470	56.766	ug/l #	99
73) Isopropylbenzene	10.964	105	580015	44.364	ug/l	97
74) N-amyl acetate	10.842	43	231397	50.939	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	265311	58.700	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	216244m	51.236	ug/l	
77) Bromobenzene	11.195	156	180871	50.408	ug/l	81
78) n-propylbenzene	11.305	91	640618	42.107	ug/l	96
79) 2-Chlorotoluene	11.366	91	420191	46.131	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	509569	45.287	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	64982	48.340	ug/l	86
82) 4-Chlorotoluene	11.451	91	488835	45.939	ug/l	93
83) tert-Butylbenzene	11.713	119	510580	44.782	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	515877	46.225	ug/l	96
85) sec-Butylbenzene	11.890	105	581493	40.873	ug/l	97
86) p-Isopropyltoluene	12.006	119	511020	42.166	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	319822	46.621	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	325547	46.169	ug/l	98
89) n-Butylbenzene	12.329	91	421682	39.100	ug/l	96
90) Hexachloroethane	12.536	117	89978	43.831	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	329197	49.137	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	67223	59.177	ug/l	63
93) 1,2,4-Trichlorobenzene	13.585	180	224625	46.876	ug/l	96
94) Hexachlorobutadiene	13.725	225	78251	37.844	ug/l	99
95) Naphthalene	13.774	128	808532	55.937	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	231145	48.939	ug/l	98

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

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