

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040542.D
 Acq On : 29 Feb 2024 17:07
 Operator : JC/MD
 Sample : P1615-09MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20240226MSD

Quant Time: Mar 01 03:50:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/01/2024
 Supervised By : Semsettin Yesilyurt 03/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	78289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70224	53.629	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.260%			
35) Dibromofluoromethane	5.385	113	48348	52.696	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.400%			
50) Toluene-d8	8.646	98	169699	50.955	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.920%			
62) 4-Bromofluorobenzene	11.079	95	63333	49.888	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48991	50.283	ug/l	97
3) Chloromethane	1.294	50	46150	47.756	ug/l	99
4) Vinyl Chloride	1.373	62	50017	47.862	ug/l	99
5) Bromomethane	1.599	94	35340	60.853	ug/l	98
6) Chloroethane	1.684	64	32355	48.923	ug/l	100
7) Trichlorofluoromethane	1.886	101	78476	47.547	ug/l	99
8) Diethyl Ether	2.129	74	26857	46.553	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	50046	56.331	ug/l	98
10) Methyl Iodide	2.452	142	51014	54.813	ug/l	98
11) Tert butyl alcohol	2.958	59	57533	261.368	ug/l #	90
12) 1,1-Dichloroethene	2.318	96	42815	48.001	ug/l	98
13) Acrolein	2.233	56	44186	313.098	ug/l	99
14) Allyl chloride	2.666	41	76424	48.974	ug/l	91
15) Acrylonitrile	3.062	53	137091	248.283	ug/l	97
16) Acetone	2.379	43	126308	295.785	ug/l	99
17) Carbon Disulfide	2.507	76	106312	43.041	ug/l	99
18) Methyl Acetate	2.702	43	66802	50.742	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	159173	52.317	ug/l	99
20) Methylene Chloride	2.788	84	48649	47.607	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	45291	47.612	ug/l	99
22) Diisopropyl ether	3.757	45	156212	49.814	ug/l	98
23) Vinyl Acetate	3.721	43	721573	251.195	ug/l	99
24) 1,1-Dichloroethane	3.611	63	90852	49.682	ug/l	99
25) 2-Butanone	4.550	43	199937	268.729	ug/l	99
26) 2,2-Dichloropropane	4.470	77	70907	48.701	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	54440	48.919	ug/l	100
28) Bromochloromethane	4.897	49	39319	51.401	ug/l	97
29) Tetrahydrofuran	5.001	42	131374	253.113	ug/l	99
30) Chloroform	5.092	83	99288	51.152	ug/l	92
31) Cyclohexane	5.464	56	71783	48.387	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	88374	53.344	ug/l	98
36) 1,1-Dichloropropene	5.696	75	69579	49.222	ug/l	99
37) Ethyl Acetate	4.714	43	75099	48.544	ug/l	99
38) Carbon Tetrachloride	5.678	117	73240	53.633	ug/l	99
39) Methylcyclohexane	7.378	83	74658	48.919	ug/l	97
40) Benzene	6.037	78	187872	49.090	ug/l	100

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41) Methacrylonitrile	4.915	41	43491	50.329	ug/l	95
42) 1,2-Dichloroethane	6.086	62	88705	56.001	ug/l	97
43) Isopropyl Acetate	6.336	43	126337	52.046	ug/l	96
44) Trichloroethene	7.122	130	84120	81.730	ug/l	93
45) 1,2-Dichloropropane	7.427	63	51285	50.071	ug/l	95
46) Dibromomethane	7.580	93	39002	51.794	ug/l	98
47) Bromodichloromethane	7.817	83	78354	52.847	ug/l	98
48) Methyl methacrylate	7.689	41	66247	54.602	ug/l	93
49) 1,4-Dioxane	7.653	88	24386	1062.498	ug/l #	94
51) 4-Methyl-2-Pentanone	8.567	43	432696	269.604	ug/l	98
52) Toluene	8.720	92	126318	53.781	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	79667	52.946	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	82880	51.244	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	52666	54.032	ug/l	96
56) Ethyl methacrylate	9.116	69	82719	54.888	ug/l	94
57) 1,3-Dichloropropane	9.305	76	89105	52.485	ug/l	99
59) 2-Hexanone	9.427	43	336346	272.579	ug/l	98
60) Dibromochloromethane	9.518	129	57744	54.542	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57015	53.604	ug/l	99
64) Tetrachloroethene	9.274	164	43877	55.056	ug/l	97
65) Chlorobenzene	10.079	112	120579	49.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	46217	54.314	ug/l	99
67) Ethyl Benzene	10.195	91	223562	50.581	ug/l	96
68) m/p-Xylenes	10.299	106	165488	100.266	ug/l	93
69) o-Xylene	10.640	106	82532	52.283	ug/l	95
70) Styrene	10.652	104	139191	52.893	ug/l	98
71) Bromoform	10.799	173	39458	56.648	ug/l #	98
73) Isopropylbenzene	10.963	105	226038	45.380	ug/l	100
74) N-amyl acetate	10.841	43	107184	46.332	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	84186	46.734	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	72014m	48.379	ug/l	
77) Bromobenzene	11.195	156	55957	47.511	ug/l	98
78) n-propylbenzene	11.305	91	287686	46.563	ug/l	98
79) 2-Chlorotoluene	11.366	91	170227	45.768	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	202055	47.698	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	20404	42.009	ug/l	94
82) 4-Chlorotoluene	11.451	91	202228	47.019	ug/l	98
83) tert-Butylbenzene	11.713	119	193096	48.350	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	209081	49.746	ug/l	98
85) sec-Butylbenzene	11.890	105	261238	49.791	ug/l	100
86) p-Isopropyltoluene	12.006	119	214762	49.659	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	113949	48.538	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	113475	47.482	ug/l	98
89) n-Butylbenzene	12.329	91	203156	47.747	ug/l	98
90) Hexachloroethane	12.536	117	36743	51.047	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	108642	48.562	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	22619	53.860	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	73158	50.107	ug/l	97
94) Hexachlorobutadiene	13.725	225	28213	47.282	ug/l	99
95) Naphthalene	13.774	128	242991	52.080	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	71713	51.671	ug/l	98

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

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