

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040287.D
 Acq On : 16 Feb 2024 18:34
 Operator : JC/MD
 Sample : P1507-29MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20240212MS

Quant Time: Feb 17 01:40:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/17/2024
 Supervised By : Semsettin Yesilyurt 02/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	71141	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	120558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54949	51.919	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.840%			
35) Dibromofluoromethane	5.391	113	43801	52.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.647	98	164000	52.074	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.140%			
62) 4-Bromofluorobenzene	11.079	95	68024	52.961	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	40939	50.944	ug/l	98
3) Chloromethane	1.294	50	41402	49.962	ug/l	95
4) Vinyl Chloride	1.374	62	44605	50.936	ug/l	95
5) Bromomethane	1.599	94	28035	56.731	ug/l	100
6) Chloroethane	1.679	64	27958	50.622	ug/l	98
7) Trichlorofluoromethane	1.886	101	71772	51.035	ug/l	97
8) Diethyl Ether	2.130	74	27991	52.984	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	782287	1037.015	ug/l	98
10) Methyl Iodide	2.453	142	46289	55.270	ug/l	92
11) Tert butyl alcohol	2.965	59	63493	307.988	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	44281	60.966	ug/l	88
13) Acrolein	2.233	56	52508	275.948	ug/l	99
14) Allyl chloride	2.660	41	66553	52.801	ug/l	98
15) Acrylonitrile	3.062	53	135475	293.703	ug/l	99
16) Acetone	2.380	43	112666	259.193	ug/l	95
17) Carbon Disulfide	2.508	76	91170	47.546	ug/l	97
18) Methyl Acetate	2.703	43	55563	47.683	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	141309	55.224	ug/l	98
20) Methylene Chloride	2.788	84	45118	55.544	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	41478	50.142	ug/l	93
22) Diisopropyl ether	3.757	45	142125	55.598	ug/l	96
23) Vinyl Acetate	3.721	43	612566	268.808	ug/l	98
24) 1,1-Dichloroethane	3.605	63	81716	54.878	ug/l	99
25) 2-Butanone	4.556	43	190303	280.078	ug/l	96
26) 2,2-Dichloropropane	4.471	77	52393	45.708	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	54422	57.671	ug/l	92
28) Bromochloromethane	4.897	49	33295	52.665	ug/l	95
29) Tetrahydrofuran	5.001	42	127878	288.881	ug/l	95
30) Chloroform	5.093	83	88926	55.236	ug/l	97
31) Cyclohexane	5.464	56	62435	49.458	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	73932	54.587	ug/l	99
36) 1,1-Dichloropropene	5.696	75	59653	50.580	ug/l	98
37) Ethyl Acetate	4.715	43	67601	51.514	ug/l	98
38) Carbon Tetrachloride	5.672	117	58648	52.301	ug/l	94
39) Methylcyclohexane	7.379	83	66228	48.321	ug/l	92
40) Benzene	6.037	78	175948	53.349	ug/l	99

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41) Methacrylonitrile	4.916	41	39620	56.952	ug/l	93
42) 1,2-Dichloroethane	6.086	62	70636	54.794	ug/l	98
43) Isopropyl Acetate	6.342	43	110230	53.809	ug/l	99
44) Trichloroethene	7.123	130	224164	246.403	ug/l	97
45) 1,2-Dichloropropane	7.427	63	49204	57.318	ug/l	99
46) Dibromomethane	7.580	93	35370	55.945	ug/l	97
47) Bromodichloromethane	7.818	83	67932	55.765	ug/l	99
48) Methyl methacrylate	7.690	41	57251	54.618	ug/l	90
49) 1,4-Dioxane	7.659	88	27980	1227.013	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	409104	292.503	ug/l	99
52) Toluene	8.714	92	116397	53.880	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	71005	49.006	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	74439	54.524	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	50946	55.293	ug/l	99
56) Ethyl methacrylate	9.116	69	79719	57.794	ug/l	95
57) 1,3-Dichloropropane	9.305	76	83401	55.456	ug/l	98
59) 2-Hexanone	9.427	43	326863	294.762	ug/l	99
60) Dibromochloromethane	9.519	129	52419	55.840	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53502	54.628	ug/l	99
64) Tetrachloroethene	9.275	164	287647	348.658	ug/l	99
65) Chlorobenzene	10.079	112	128367	52.244	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	46888	55.099	ug/l	99
67) Ethyl Benzene	10.195	91	233306	53.314	ug/l	100
68) m/p-Xylenes	10.299	106	175968	106.472	ug/l	99
69) o-Xylene	10.640	106	86622	53.935	ug/l	96
70) Styrene	10.653	104	148399	55.576	ug/l	99
71) Bromoform	10.799	173	40318	50.432	ug/l #	100
73) Isopropylbenzene	10.963	105	236422	51.104	ug/l	99
74) N-amyl acetate	10.842	43	103074	51.979	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	87509	52.650	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	73230m	55.056	ug/l	
77) Bromobenzene	11.195	156	58268	53.327	ug/l	94
78) n-propylbenzene	11.305	91	283951	50.697	ug/l	99
79) 2-Chlorotoluene	11.366	91	168039	49.684	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	202570	52.011	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	21928	46.557	ug/l	96
82) 4-Chlorotoluene	11.451	91	201935	50.392	ug/l	99
83) tert-Butylbenzene	11.713	119	194097	50.831	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	204036	51.781	ug/l	99
85) sec-Butylbenzene	11.890	105	254246	51.810	ug/l	100
86) p-Isopropyltoluene	12.006	119	207515	51.587	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112577	51.999	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	113016	49.298	ug/l	99
89) n-Butylbenzene	12.329	91	194024	49.967	ug/l	97
90) Hexachloroethane	12.536	117	34194	53.891	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	110461	52.705	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21891	57.066	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	69935	48.740	ug/l	97
94) Hexachlorobutadiene	13.725	225	27009	47.164	ug/l	99
95) Naphthalene	13.774	128	237512	52.410	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68850	50.340	ug/l	97

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

