

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040288.D
 Acq On : 16 Feb 2024 18:57
 Operator : JC/MD
 Sample : P1507-30MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20240212MSD

Quant Time: Feb 17 01:41:32 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	72875	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	125757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53087	48.966	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.940%
35) Dibromofluoromethane	5.391	113	43170	49.156	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	8.647	98	156682	47.694	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.380%
62) 4-Bromofluorobenzene	11.079	95	65479	48.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.740%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	40338	49.002	ug/l	97
3) Chloromethane	1.294	50	43881	51.693	ug/l	94
4) Vinyl Chloride	1.374	62	46126	51.419	ug/l	99
5) Bromomethane	1.599	94	28744	56.782	ug/l	97
6) Chloroethane	1.678	64	29698	52.493	ug/l	98
7) Trichlorofluoromethane	1.886	101	73010	50.680	ug/l	99
8) Diethyl Ether	2.130	74	28994	53.577	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	714289	924.346	ug/l	98
10) Methyl Iodide	2.453	142	51433	59.951	ug/l	93
11) Tert butyl alcohol	2.965	59	68451	324.138	ug/l	# 93
12) 1,1-Dichloroethene	2.318	96	47017	63.193	ug/l	86
13) Acrolein	2.233	56	50794	260.589	ug/l	99
14) Allyl chloride	2.660	41	69226	53.615	ug/l	97
15) Acrylonitrile	3.062	53	139525	295.286	ug/l	98
16) Acetone	2.379	43	116459	261.544	ug/l	93
17) Carbon Disulfide	2.507	76	96536	49.146	ug/l	100
18) Methyl Acetate	2.703	43	56822	47.603	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	150977	57.598	ug/l	97
20) Methylene Chloride	2.788	84	48586	58.474	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	44290	52.268	ug/l	93
22) Diisopropyl ether	3.757	45	152549	58.256	ug/l	96
23) Vinyl Acetate	3.721	43	662192	283.671	ug/l	98
24) 1,1-Dichloroethane	3.611	63	86558	56.747	ug/l	99
25) 2-Butanone	4.556	43	196935	282.942	ug/l	98
26) 2,2-Dichloropropane	4.471	77	56164	47.832	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	58671	60.694	ug/l	92
28) Bromochloromethane	4.897	49	35794	55.271	ug/l	92
29) Tetrahydrofuran	5.001	42	133840	295.155	ug/l	96
30) Chloroform	5.092	83	94585	57.353	ug/l	99
31) Cyclohexane	5.464	56	63186	48.862	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	78053	56.259	ug/l	99
36) 1,1-Dichloropropene	5.696	75	65273	53.057	ug/l	99
37) Ethyl Acetate	4.714	43	72139	52.699	ug/l	99
38) Carbon Tetrachloride	5.678	117	62729	53.628	ug/l	98
39) Methylcyclohexane	7.379	83	63208	44.211	ug/l	94
40) Benzene	6.037	78	189022	54.944	ug/l	99

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 Kesilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	42217	58.176	ug/l	93
42) 1,2-Dichloroethane	6.086	62	75175	55.904	ug/l	98
43) Isopropyl Acetate	6.342	43	117494	54.984	ug/l	98
44) Trichloroethene	7.123	130	226882	239.081	ug/l	96
45) 1,2-Dichloropropane	7.433	63	52400	58.518	ug/l	97
46) Dibromomethane	7.580	93	37934	57.520	ug/l	98
47) Bromodichloromethane	7.824	83	73539	57.872	ug/l	100
48) Methyl methacrylate	7.689	41	62206	56.892	ug/l	94
49) 1,4-Dioxane	7.659	88	29090	1222.951	ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	431827	295.986	ug/l	100
52) Toluene	8.720	92	124234	55.131	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	77196	51.025	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	78951	55.438	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	55070	57.298	ug/l	94
56) Ethyl methacrylate	9.116	69	83584	58.091	ug/l	96
57) 1,3-Dichloropropane	9.305	76	88542	56.441	ug/l	99
59) 2-Hexanone	9.427	43	336447	290.862	ug/l	97
60) Dibromochloromethane	9.518	129	56616	57.818	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56946	55.741	ug/l	99
64) Tetrachloroethene	9.275	164	293415	341.784	ug/l	99
65) Chlorobenzene	10.079	112	135996	53.191	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	49648	56.067	ug/l	98
67) Ethyl Benzene	10.195	91	251131	55.150	ug/l	98
68) m/p-Xylenes	10.299	106	188012	109.324	ug/l	98
69) o-Xylene	10.640	106	95348	57.053	ug/l	99
70) Styrene	10.652	104	160611	57.805	ug/l	99
71) Bromoform	10.799	173	43163	51.837	ug/l #	100
73) Isopropylbenzene	10.963	105	253251	54.069	ug/l	99
74) N-amyl acetate	10.841	43	110661	55.118	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	94922	56.408	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	77427m	57.495	ug/l	
77) Bromobenzene	11.195	156	63072	57.013	ug/l	94
78) n-propylbenzene	11.305	91	309923	54.654	ug/l	99
79) 2-Chlorotoluene	11.366	91	183568	53.608	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	215906	54.753	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23500	49.074	ug/l	95
82) 4-Chlorotoluene	11.451	91	217960	53.722	ug/l	99
83) tert-Butylbenzene	11.713	119	209914	54.298	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	219996	55.145	ug/l	100
85) sec-Butylbenzene	11.890	105	271255	54.596	ug/l	100
86) p-Isopropyltoluene	12.006	119	222957	54.745	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	120055	54.771	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	122872	52.938	ug/l	99
89) n-Butylbenzene	12.335	91	210512	53.547	ug/l	97
90) Hexachloroethane	12.536	117	37218	57.935	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	117152	55.210	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23325	60.056	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	77240	53.169	ug/l	96
94) Hexachlorobutadiene	13.725	225	28803	49.678	ug/l	98
95) Naphthalene	13.774	128	258428	56.324	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75398	54.450	ug/l	97

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

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

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