

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042808.D
 Acq On : 01 Aug 2024 20:27
 Operator : JC/MD
 Sample : P3396-18MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-CF05-01MSD

Quant Time: Aug 02 03:19:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/03/2024
 Supervised By :Semsettin Yesilyurt 08/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	89606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78085	54.241	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.480%			
35) Dibromofluoromethane	5.385	113	52630	46.293	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.580%			
50) Toluene-d8	8.647	98	205682	49.843	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.680%			
62) 4-Bromofluorobenzene	11.079	95	74445	49.365	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	69663	49.059	ug/l	97
3) Chloromethane	1.301	50	57757	52.676	ug/l	98
4) Vinyl Chloride	1.374	62	54235	48.798	ug/l	99
5) Bromomethane	1.599	94	18202	47.532	ug/l	100
6) Chloroethane	1.666	64	19151	47.727	ug/l	93
7) Trichlorofluoromethane	1.874	101	82165	55.084	ug/l	99
8) Diethyl Ether	2.136	74	31893	56.115	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.319	101	51286	45.581	ug/l	98
10) Methyl Iodide	2.441	142	53630	49.800	ug/l	98
11) Tert butyl alcohol	2.995	59	71483	267.234	ug/l #	90
12) 1,1-Dichloroethene	2.306	96	50884	46.657	ug/l	88
13) Acrolein	2.239	56	52539	186.995	ug/l	100
14) Allyl chloride	2.660	41	71456	50.961	ug/l #	94
15) Acrylonitrile	3.068	53	162341	274.545	ug/l	99
16) Acetone	2.392	43	166947	319.368	ug/l	94
17) Carbon Disulfide	2.502	76	116725	47.443	ug/l	100
18) Methyl Acetate	2.709	43	94768	72.235	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	192173	53.151	ug/l	98
20) Methylene Chloride	2.788	84	83853	70.068	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	54248	48.208	ug/l	91
22) Diisopropyl ether	3.770	45	163980	54.555	ug/l #	77
23) Vinyl Acetate	3.727	43	263418	100.809	ug/l	95
24) 1,1-Dichloroethane	3.605	63	102034	52.258	ug/l	95
25) 2-Butanone	4.568	43	242475	315.706	ug/l	93
26) 2,2-Dichloropropane	4.477	77	66463	39.771	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	67189	51.077	ug/l	89
28) Bromochloromethane	4.897	49	35201	50.295	ug/l	87
29) Tetrahydrofuran	5.013	42	143148	299.223	ug/l	88
30) Chloroform	5.093	83	111098	51.173	ug/l	99
31) Cyclohexane	5.464	56	77821	49.062	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	99025	51.353	ug/l	98
36) 1,1-Dichloropropene	5.690	75	69489	47.132	ug/l	97
37) Ethyl Acetate	4.727	43	82612	54.891	ug/l	97
38) Carbon Tetrachloride	5.672	117	79860	47.000	ug/l	98
39) Methylcyclohexane	7.379	83	85268	46.152	ug/l	94
40) Benzene	6.037	78	231660	50.074	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	44237	55.582	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	89958	53.837	ug/l	97
43) Isopropyl Acetate	6.348	43	135052	57.370	ug/l	97
44) Trichloroethene	7.123	130	65893	54.406	ug/l	95
45) 1,2-Dichloropropane	7.434	63	56921	54.869	ug/l	94
46) Dibromomethane	7.580	93	42990	48.658	ug/l	96
47) Bromodichloromethane	7.824	83	85451	53.038	ug/l	98
48) Methyl methacrylate	7.696	41	66327	57.309	ug/l #	89
49) 1,4-Dioxane	7.665	88	30859	1061.020	ug/l #	85
51) 4-Methyl-2-Pentanone	8.580	43	467201	299.661	ug/l	97
52) Toluene	8.720	92	145677	48.534	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	80814	50.632	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	87980	51.891	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	59922	49.360	ug/l	96
56) Ethyl methacrylate	9.116	69	96503	54.887	ug/l	94
57) 1,3-Dichloropropane	9.311	76	101538	53.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	223859	276.444	ug/l	96
59) 2-Hexanone	9.433	43	363955	301.025	ug/l	94
60) Dibromochloromethane	9.525	129	63647	51.761	ug/l	99
61) 1,2-Dibromoethane	9.610	107	63021	52.320	ug/l	97
64) Tetrachloroethene	9.275	164	76586	74.912	ug/l	94
65) Chlorobenzene	10.079	112	154065	46.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	54682	49.121	ug/l	99
67) Ethyl Benzene	10.195	91	271245	48.415	ug/l	98
68) m/p-Xylenes	10.299	106	206330	96.398	ug/l	99
69) o-Xylene	10.640	106	101543	47.985	ug/l	98
70) Styrene	10.653	104	173716	48.573	ug/l	99
71) Bromoform	10.799	173	40145	48.268	ug/l #	99
73) Isopropylbenzene	10.963	105	261215	50.101	ug/l	100
74) N-amyl acetate	10.842	43	108054	53.915	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	69274	38.501	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	86998m	55.872	ug/l	
77) Bromobenzene	11.201	156	61490	47.623	ug/l	98
78) n-propylbenzene	11.305	91	296408	50.987	ug/l	99
79) 2-Chlorotoluene	11.366	91	184591	48.787	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	221631	49.611	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25894	49.220	ug/l	96
82) 4-Chlorotoluene	11.457	91	214007	49.844	ug/l	100
83) tert-Butylbenzene	11.713	119	189179	42.492	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	222356	49.852	ug/l	98
85) sec-Butylbenzene	11.890	105	267073	48.998	ug/l	99
86) p-Isopropyltoluene	12.006	119	223700	48.680	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	114459	47.525	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	111699	46.171	ug/l	99
89) n-Butylbenzene	12.329	91	189226	50.323	ug/l	99
90) Hexachloroethane	12.536	117	37255	45.763	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	115206	48.364	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22689	56.671	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	64808	47.390	ug/l	97
94) Hexachlorobutadiene	13.725	225	24693	41.580	ug/l	98
95) Naphthalene	13.774	128	264918	50.765	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67958	48.346	ug/l	99

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

