

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043187.D
 Acq On : 26 Sep 2024 18:40
 Operator : JC/MD
 Sample : P4164-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20240919MSD

Quant Time: Sep 27 01:44:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/27/2024
 Supervised By :Semsettin Yesilyurt 09/27/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	94661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81355	51.741	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.480%			
35) Dibromofluoromethane	5.385	113	61119	51.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.580%			
50) Toluene-d8	8.647	98	205849	51.553	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.100%			
62) 4-Bromofluorobenzene	11.079	95	76848	47.791	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46366	45.930	ug/l	97
3) Chloromethane	1.294	50	46848	45.455	ug/l	99
4) Vinyl Chloride	1.374	62	51238	48.943	ug/l	97
5) Bromomethane	1.599	94	19635	32.601	ug/l	98
6) Chloroethane	1.666	64	20964	31.276	ug/l	96
7) Trichlorofluoromethane	1.867	101	84698	45.579	ug/l	98
8) Diethyl Ether	2.136	74	32431	51.981	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	51495	49.096	ug/l	98
10) Methyl Iodide	2.447	142	64315	51.592	ug/l	100
11) Tert butyl alcohol	2.995	59	89106	253.813	ug/l	100
12) 1,1-Dichloroethene	2.306	96	48694	48.537	ug/l	96
13) Acrolein	2.239	56	10411	225.091	ug/l	100
14) Allyl chloride	2.660	41	83961	45.071	ug/l	98
15) Acrylonitrile	3.068	53	163127	267.870	ug/l	99
16) Acetone	2.392	43	150335	204.444	ug/l	100
17) Carbon Disulfide	2.501	76	102738	41.198	ug/l	99
18) Methyl Acetate	2.709	43	111651	56.413	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	200786	52.525	ug/l	98
20) Methylene Chloride	2.788	84	57942	49.528	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	50335	48.489	ug/l	95
22) Diisopropyl ether	3.763	45	184096	52.777	ug/l	99
23) Vinyl Acetate	3.721	43	997660	243.135	ug/l	100
24) 1,1-Dichloroethane	3.605	63	104884	52.006	ug/l	99
25) 2-Butanone	4.562	43	240117	253.316	ug/l	99
26) 2,2-Dichloropropane	4.471	77	86769	42.509	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	66497	51.456	ug/l	97
28) Bromochloromethane	4.897	49	44938	50.619	ug/l	98
29) Tetrahydrofuran	5.007	42	150726	264.404	ug/l	99
30) Chloroform	5.092	83	114541	51.510	ug/l	99
31) Cyclohexane	5.464	56	74854	48.408	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	104783	49.745	ug/l	99
36) 1,1-Dichloropropene	5.690	75	69880	48.186	ug/l	99
37) Ethyl Acetate	4.721	43	86977	47.748	ug/l	99
38) Carbon Tetrachloride	5.672	117	86887	46.511	ug/l	98
39) Methylcyclohexane	7.379	83	83505	45.881	ug/l	99
40) Benzene	6.037	78	219744	51.351	ug/l	99

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41) Methacrylonitrile	4.922	41	50236	55.474	ug/l	100
42) 1,2-Dichloroethane	6.086	62	90953	50.056	ug/l	100
43) Isopropyl Acetate	6.342	43	149059	48.992	ug/l	100
44) Trichloroethene	7.123	130	54692	46.712	ug/l	97
45) 1,2-Dichloropropane	7.427	63	56469	52.979	ug/l	97
46) Dibromomethane	7.580	93	45851	51.087	ug/l	96
47) Bromodichloromethane	7.824	83	91809	49.193	ug/l	97
48) Methyl methacrylate	7.696	41	75349	50.420	ug/l	98
49) 1,4-Dioxane	7.665	88	35364	1253.536	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	487209	260.662	ug/l	100
52) Toluene	8.720	92	139994	50.799	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	88808	46.355	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	91718	47.937	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	58996	51.994	ug/l	97
56) Ethyl methacrylate	9.116	69	100404	50.851	ug/l	100
57) 1,3-Dichloropropane	9.305	76	97769	50.660	ug/l	99
59) 2-Hexanone	9.433	43	373452	255.524	ug/l	99
60) Dibromochloromethane	9.518	129	69752	47.073	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61622	49.634	ug/l	100
64) Tetrachloroethene	9.275	164	44792	43.295	ug/l	98
65) Chlorobenzene	10.079	112	155389	50.446	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	58899	51.839	ug/l	99
67) Ethyl Benzene	10.195	91	270730	50.809	ug/l	99
68) m/p-Xylenes	10.299	106	198075	99.889	ug/l	100
69) o-Xylene	10.640	106	99992	50.275	ug/l	99
70) Styrene	10.652	104	170164	51.292	ug/l	100
71) Bromoform	10.799	173	46261	46.293	ug/l #	100
73) Isopropylbenzene	10.963	105	263905	52.630	ug/l	100
74) N-amyl acetate	10.841	43	123202	52.292	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	92068	57.059	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	77354m	54.416	ug/l	
77) Bromobenzene	11.195	156	62781	52.154	ug/l	99
78) n-propylbenzene	11.305	91	292628	51.437	ug/l	100
79) 2-Chlorotoluene	11.360	91	183580	51.448	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	215695	51.990	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28193	47.253	ug/l	99
82) 4-Chlorotoluene	11.451	91	209926	51.471	ug/l	100
83) tert-Butylbenzene	11.713	119	233775	54.684	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	217137	52.607	ug/l	99
85) sec-Butylbenzene	11.890	105	269905	51.369	ug/l	99
86) p-Isopropyltoluene	12.006	119	222868	51.091	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112497	51.254	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	109232	49.628	ug/l	100
89) n-Butylbenzene	12.329	91	186675	49.104	ug/l	99
90) Hexachloroethane	12.536	117	43960	50.568	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	115082	53.240	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22892	52.474	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	67884	50.655	ug/l	99
94) Hexachlorobutadiene	13.725	225	25260	44.862	ug/l	97
95) Naphthalene	13.774	128	253287	54.376	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66656	50.061	ug/l	99

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

