

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044462.D
 Acq On : 20 Dec 2024 19:03
 Operator : JC/MD
 Sample : P5261-14MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20241210MSD

Quant Time: Dec 20 22:35:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229775	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94158	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	102832	45.394	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.780%
35) Dibromofluoromethane	5.379	113	80493	50.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.160%
50) Toluene-d8	8.647	98	273311	50.906	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.820%
62) 4-Bromofluorobenzene	11.079	95	93878	50.041	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.080%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	94964	47.535	ug/l	97
3) Chloromethane	1.294	50	96043	50.273	ug/l	100
4) Vinyl Chloride	1.374	62	95360	47.913	ug/l	100
5) Bromomethane	1.593	94	63156	44.729	ug/l	98
6) Chloroethane	1.666	64	64205	51.807	ug/l	97
7) Trichlorofluoromethane	1.867	101	163420	41.942	ug/l	98
8) Diethyl Ether	2.136	74	59632	44.837	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	76365	48.435	ug/l	95
10) Methyl Iodide	2.440	142	107464	51.715	ug/l	96
11) Tert butyl alcohol	2.995	59	73424	229.981	ug/l	98
12) 1,1-Dichloroethene	2.306	96	76452	52.792	ug/l	96
13) Acrolein	2.239	56	84964	183.848	ug/l	99
14) Allyl chloride	2.654	41	104152	43.178	ug/l	97
15) Acrylonitrile	3.068	53	210011	237.470	ug/l	99
16) Acetone	2.392	43	201540	218.228	ug/l	95
17) Carbon Disulfide	2.501	76	143189	52.016	ug/l	97
18) Methyl Acetate	2.709	43	71316	29.950	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	267104	47.264	ug/l	100
20) Methylene Chloride	2.782	84	86089	49.630	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	79033	51.350	ug/l	92
22) Diisopropyl ether	3.763	45	251387	46.282	ug/l	92
23) Vinyl Acetate	3.721	43	658956	149.221	ug/l	97
24) 1,1-Dichloroethane	3.605	63	150590	49.737	ug/l	99
25) 2-Butanone	4.568	43	303178	230.918	ug/l	99
26) 2,2-Dichloropropane	4.471	77	36341	14.774	ug/l	78
27) cis-1,2-Dichloroethene	4.483	96	99647	50.978	ug/l	87
28) Bromochloromethane	4.891	49	67354	45.366	ug/l	94
29) Tetrahydrofuran	5.007	42	197865	234.792	ug/l	99
30) Chloroform	5.092	83	161499	47.475	ug/l	100
31) Cyclohexane	5.458	56	114195	46.707	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	140450	49.739	ug/l	99
36) 1,1-Dichloropropene	5.684	75	99501	48.370	ug/l	98
37) Ethyl Acetate	4.720	43	78836	31.003	ug/l	98
38) Carbon Tetrachloride	5.665	117	110823	50.040	ug/l	99
39) Methylcyclohexane	7.372	83	116902	47.536	ug/l	98
40) Benzene	6.031	78	316869	50.734	ug/l	99

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41) Methacrylonitrile	4.922	41	62586	46.351	ug/l	96
42) 1,2-Dichloroethane	6.080	62	122544	47.630	ug/l	98
43) Isopropyl Acetate	6.342	43	148170	37.281	ug/l	98
44) Trichloroethene	7.122	130	350464	225.015	ug/l	93
45) 1,2-Dichloropropane	7.427	63	78420	49.145	ug/l	99
46) Dibromomethane	7.580	93	62092	50.158	ug/l	92
47) Bromodichloromethane	7.817	83	110969	51.904	ug/l	97
48) Methyl methacrylate	7.696	41	90117	46.710	ug/l	96
49) 1,4-Dioxane	7.665	88	29785	931.164	ug/l #	72
51) 4-Methyl-2-Pentanone	8.573	43	609449	238.489	ug/l	98
52) Toluene	8.714	92	194541	49.600	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	90542	40.060	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	99515	42.749	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	80385	51.590	ug/l	97
56) Ethyl methacrylate	9.116	69	124550	50.634	ug/l	97
57) 1,3-Dichloropropane	9.305	76	132579	48.884	ug/l	100
59) 2-Hexanone	9.433	43	451368	244.022	ug/l	98
60) Dibromochloromethane	9.518	129	80086	48.629	ug/l	98
61) 1,2-Dibromoethane	9.610	107	83625	52.726	ug/l	97
64) Tetrachloroethene	9.268	164	82072	61.425	ug/l	97
65) Chlorobenzene	10.079	112	218599	50.676	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	73557	53.058	ug/l	97
67) Ethyl Benzene	10.189	91	368313	49.416	ug/l	98
68) m/p-Xylenes	10.299	106	283002	103.478	ug/l	94
69) o-Xylene	10.640	106	138511	50.055	ug/l	96
70) Styrene	10.652	104	230552	51.972	ug/l	96
71) Bromoform	10.799	173	50501	51.877	ug/l #	100
73) Isopropylbenzene	10.963	105	356894	49.512	ug/l	99
74) N-amyl acetate	10.841	43	99483	29.863	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	121270	48.438	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96746m	46.019	ug/l	
77) Bromobenzene	11.195	156	91337	52.254	ug/l	93
78) n-propylbenzene	11.305	91	388817	48.804	ug/l	98
79) 2-Chlorotoluene	11.360	91	244796	47.511	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	294120	49.203	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21082	31.108	ug/l	97
82) 4-Chlorotoluene	11.451	91	273612	47.955	ug/l	99
83) tert-Butylbenzene	11.713	119	291913	49.414	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	295000	50.251	ug/l	98
85) sec-Butylbenzene	11.890	105	347308	48.428	ug/l	99
86) p-Isopropyltoluene	12.006	119	289042	48.423	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	157753	51.667	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	154622	49.264	ug/l	98
89) n-Butylbenzene	12.329	91	230217	45.867	ug/l	99
90) Hexachloroethane	12.536	117	45849	52.619	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	159559	50.329	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	22915	47.149	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	89711	51.615	ug/l	96
94) Hexachlorobutadiene	13.725	225	35134	50.255	ug/l	98
95) Naphthalene	13.774	128	323568	47.693	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	93788	50.875	ug/l	98

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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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