

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039822.D
 Acq On : 18 Jan 2024 16:31
 Operator : JC/MD
 Sample : P1171-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-340-342MSD

Quant Time: Jan 19 00:43:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
 Supervised By :Semsettin Yesilyurt 01/19/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	84087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	136498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62699	44.512	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.020%		
35) Dibromofluoromethane	5.385	113	47475	47.654	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.300%		
50) Toluene-d8	8.647	98	174490	46.439	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.880%		
62) 4-Bromofluorobenzene	11.079	95	70903	48.256	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46354	42.607	ug/l	95
3) Chloromethane	1.294	50	53426	43.000	ug/l	99
4) Vinyl Chloride	1.374	62	53515	45.639	ug/l	100
5) Bromomethane	1.599	94	33138	49.530	ug/l	98
6) Chloroethane	1.685	64	34167	51.257	ug/l	98
7) Trichlorofluoromethane	1.886	101	85425	50.503	ug/l	98
8) Diethyl Ether	2.130	74	30990	49.576	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	51313	48.932	ug/l	99
10) Methyl Iodide	2.453	142	57134	51.645	ug/l	96
11) Tert butyl alcohol	2.959	59	89636	244.462	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	49286	48.699	ug/l	93
13) Acrolein	2.233	56	54144	239.433	ug/l	99
14) Allyl chloride	2.660	41	95079	47.733	ug/l	97
15) Acrylonitrile	3.056	53	183091	241.735	ug/l	99
16) Acetone	2.373	43	154873	195.503	ug/l	96
17) Carbon Disulfide	2.514	76	136234	46.834	ug/l	100
18) Methyl Acetate	2.697	43	82322	49.672	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	176174	49.033	ug/l	100
20) Methylene Chloride	2.788	84	57479	47.969	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	53692	50.413	ug/l	94
22) Diisopropyl ether	3.757	45	186323	49.016	ug/l	96
23) Vinyl Acetate	3.715	43	880518	249.193	ug/l	99
24) 1,1-Dichloroethane	3.605	63	104930	50.176	ug/l	98
25) 2-Butanone	4.544	43	259164	227.654	ug/l	99
26) 2,2-Dichloropropane	4.471	77	82094	48.912	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	62598	51.246	ug/l	97
28) Bromochloromethane	4.897	49	44757	47.216	ug/l	97
29) Tetrahydrofuran	4.995	42	173256	236.452	ug/l	99
30) Chloroform	5.093	83	105595	51.150	ug/l	98
31) Cyclohexane	5.464	56	89663	48.232	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	90802	51.377	ug/l	99
36) 1,1-Dichloropropene	5.690	75	76941	49.617	ug/l	98
37) Ethyl Acetate	4.708	43	97463	47.112	ug/l	99
38) Carbon Tetrachloride	5.672	117	74663	52.570	ug/l	100
39) Methylcyclohexane	7.379	83	91873	49.338	ug/l	100
40) Benzene	6.037	78	224777	51.190	ug/l	97

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Manual Integrations
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Reviewed By :Mahesh Dadoda 01/19/2024
 Supervised By :Semsettin Yesilyurt 01/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52793	52.186	ug/l	95
42) 1,2-Dichloroethane	6.080	62	88360	52.930	ug/l	99
43) Isopropyl Acetate	6.336	43	153177	50.474	ug/l	99
44) Trichloroethene	7.123	130	55708	51.767	ug/l	97
45) 1,2-Dichloropropane	7.427	63	59874	50.830	ug/l	97
46) Dibromomethane	7.580	93	43632	53.629	ug/l	97
47) Bromodichloromethane	7.818	83	82037	54.444	ug/l	94
48) Methyl methacrylate	7.690	41	76289	51.143	ug/l	94
49) 1,4-Dioxane	7.653	88	29509	1022.360	ug/l #	94
51) 4-Methyl-2-Pentanone	8.568	43	524099	250.756	ug/l	99
52) Toluene	8.714	92	139833	53.316	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	87470	54.706	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	91802	52.216	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	58855	52.707	ug/l	94
56) Ethyl methacrylate	9.116	69	94752	52.429	ug/l	97
57) 1,3-Dichloropropane	9.305	76	98691	52.153	ug/l	99
59) 2-Hexanone	9.427	43	421157	254.602	ug/l	98
60) Dibromochloromethane	9.519	129	59043	56.068	ug/l	99
61) 1,2-Dibromoethane	9.610	107	62711	54.232	ug/l	99
64) Tetrachloroethene	9.269	164	46504	52.390	ug/l	95
65) Chlorobenzene	10.079	112	146331	51.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53626	55.396	ug/l	98
67) Ethyl Benzene	10.189	91	276867	52.456	ug/l	96
68) m/p-Xylenes	10.299	106	204654	105.431	ug/l	95
69) o-Xylene	10.640	106	99640	51.833	ug/l	96
70) Styrene	10.653	104	164881	52.507	ug/l	98
71) Bromoform	10.799	173	41429	56.995	ug/l #	100
73) Isopropylbenzene	10.963	105	267965	48.923	ug/l	100
74) N-amyl acetate	10.842	43	138679	48.573	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	99596	47.618	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85292m	47.820	ug/l	
77) Bromobenzene	11.195	156	59768	49.009	ug/l	95
78) n-propylbenzene	11.305	91	333708	50.338	ug/l	98
79) 2-Chlorotoluene	11.360	91	195241	47.651	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	230096	49.462	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	28088	47.304	ug/l	98
82) 4-Chlorotoluene	11.451	91	226860	48.813	ug/l	99
83) tert-Butylbenzene	11.713	119	220606	49.672	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	231943	49.976	ug/l	99
85) sec-Butylbenzene	11.890	105	290826	50.445	ug/l	98
86) p-Isopropyltoluene	12.006	119	235857	51.187	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	117868	50.420	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	119413	49.457	ug/l	99
89) n-Butylbenzene	12.329	91	229197	51.501	ug/l	96
90) Hexachloroethane	12.536	117	40564	52.183	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	114256	49.437	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24721	48.235	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	69796	49.418	ug/l	98
94) Hexachlorobutadiene	13.725	225	30138	51.333	ug/l	98
95) Naphthalene	13.774	128	253478	48.751	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68115	47.786	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

