

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040098.D
 Acq On : 02 Feb 2024 19:29
 Operator : JC/MD
 Sample : P1343-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-680-682MSD

Quant Time: Feb 03 02:21:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/05/2024
 Supervised By : Semsettin Yesilyurt 02/05/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	88506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70410	49.432	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.860%			
35) Dibromofluoromethane	5.385	113	53746	50.165	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.320%			
50) Toluene-d8	8.646	98	192958	48.159	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.320%			
62) 4-Bromofluorobenzene	11.079	95	70440	45.657	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	49689	49.845	ug/l	98
3) Chloromethane	1.294	50	52925	55.981	ug/l	95
4) Vinyl Chloride	1.373	62	50702	57.988	ug/l	97
5) Bromomethane	1.599	94	41939	49.342	ug/l	99
6) Chloroethane	1.678	64	23483	40.682	ug/l	92
7) Trichlorofluoromethane	1.879	101	53547	38.492	ug/l	96
8) Diethyl Ether	2.135	74	21254	43.215	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.324	101	46805	45.093	ug/l	98
10) Methyl Iodide	2.446	142	58876	53.285	ug/l	96
11) Tert butyl alcohol	2.965	59	70707	273.576	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	48293	48.513	ug/l	90
13) Acrolein	2.239	56	65762	265.573	ug/l	100
14) Allyl chloride	2.660	41	87167	48.578	ug/l	98
15) Acrylonitrile	3.062	53	172956	267.145	ug/l	98
16) Acetone	2.379	43	141750	212.393	ug/l	96
17) Carbon Disulfide	2.507	76	128937	44.300	ug/l	100
18) Methyl Acetate	2.702	43	90686	57.357	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	173620	50.915	ug/l	99
20) Methylene Chloride	2.788	84	58159	49.036	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	53004	48.348	ug/l	94
22) Diisopropyl ether	3.763	45	178447	51.341	ug/l	91
23) Vinyl Acetate	3.720	43	775712	249.375	ug/l	99
24) 1,1-Dichloroethane	3.611	63	99416	49.941	ug/l	99
25) 2-Butanone	4.556	43	244114	263.126	ug/l	95
26) 2,2-Dichloropropane	4.483	77	64499	41.525	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	61312	50.122	ug/l	94
28) Bromochloromethane	4.897	49	49602	53.436	ug/l	99
29) Tetrahydrofuran	5.001	42	162933	276.209	ug/l	98
30) Chloroform	5.092	83	105998	49.588	ug/l	97
31) Cyclohexane	5.470	56	76308	42.768	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	88415	48.197	ug/l	100
36) 1,1-Dichloropropene	5.690	75	74146	47.851	ug/l	99
37) Ethyl Acetate	4.714	43	87047	51.439	ug/l	98
38) Carbon Tetrachloride	5.677	117	72049	48.596	ug/l	97
39) Methylcyclohexane	7.378	83	76864	40.771	ug/l	95
40) Benzene	6.043	78	222319	49.262	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	50193	58.487	ug/l	94
42) 1,2-Dichloroethane	6.086	62	86182	49.607	ug/l	98
43) Isopropyl Acetate	6.342	43	141345	52.966	ug/l	99
44) Trichloroethene	7.122	130	56898	47.909	ug/l	98
45) 1,2-Dichloropropane	7.433	63	58725	49.283	ug/l	98
46) Dibromomethane	7.580	93	43396	48.520	ug/l	99
47) Bromodichloromethane	7.823	83	80069	50.265	ug/l	96
48) Methyl methacrylate	7.695	41	71392	54.308	ug/l	92
49) 1,4-Dioxane	7.659	88	31032	1086.316	ug/l #	95
51) 4-Methyl-2-Pentanone	8.573	43	475958	261.276	ug/l	100
52) Toluene	8.720	92	138885	49.374	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	79714	48.249	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	86370	48.993	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	59206	50.850	ug/l	94
56) Ethyl methacrylate	9.116	69	92739	54.544	ug/l	98
57) 1,3-Dichloropropane	9.311	76	97596	50.888	ug/l	99
59) 2-Hexanone	9.433	43	362189	249.364	ug/l	100
60) Dibromochloromethane	9.518	129	56168	48.010	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59885	47.574	ug/l	99
64) Tetrachloroethene	9.274	164	44578	47.877	ug/l	99
65) Chlorobenzene	10.079	112	142137	48.055	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	51947	52.006	ug/l	97
67) Ethyl Benzene	10.195	91	260684	49.122	ug/l	100
68) m/p-Xylenes	10.299	106	199788	100.070	ug/l	100
69) o-Xylene	10.640	106	97126	51.287	ug/l	98
70) Styrene	10.658	104	157184	49.246	ug/l	98
71) Bromoform	10.798	173	40844	50.339	ug/l #	98
73) Isopropylbenzene	10.963	105	241799	51.295	ug/l	100
74) N-amyl acetate	10.841	43	117297	52.124	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	94055	53.070	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	73478m	52.561	ug/l	
77) Bromobenzene	11.195	156	55063	50.638	ug/l	99
78) n-propylbenzene	11.304	91	290811	50.133	ug/l	99
79) 2-Chlorotoluene	11.365	91	171868	49.215	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	207594	51.231	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	22203	50.090	ug/l	95
82) 4-Chlorotoluene	11.457	91	202553	50.535	ug/l	100
83) tert-Butylbenzene	11.713	119	197979	51.057	ug/l	98
84) 1,2,4-Trimethylbenzene	11.749	105	203566	50.344	ug/l	100
85) sec-Butylbenzene	11.890	105	251552	48.966	ug/l	98
86) p-Isopropyltoluene	12.006	119	204747	48.808	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	105640	48.158	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	106834	47.577	ug/l	99
89) n-Butylbenzene	12.335	91	191183	46.954	ug/l	97
90) Hexachloroethane	12.536	117	33832	49.411	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	102906	48.654	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	22093	54.994	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	61233	46.313	ug/l	97
94) Hexachlorobutadiene	13.725	225	21594	41.463	ug/l	98
95) Naphthalene	13.774	128	233956	52.099	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65210	49.884	ug/l	100

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

