

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082124\
 Data File : VX043079.D
 Acq On : 21 Aug 2024 11:29
 Operator : JC/MD
 Sample : VX0821WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS01

Quant Time: Aug 22 03:29:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	166285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	307341	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	125746	57.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.100%			
35) Dibromofluoromethane	5.385	113	96951	50.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.980%			
50) Toluene-d8	8.647	98	360401	49.104	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.200%			
62) 4-Bromofluorobenzene	11.079	95	133130	50.024	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33430	19.885	ug/l	97
3) Chloromethane	1.294	50	49198	19.769	ug/l	97
4) Vinyl Chloride	1.373	62	43194	17.280	ug/l	99
5) Bromomethane	1.599	94	13383	17.669	ug/l	97
6) Chloroethane	1.666	64	13783	17.495	ug/l	100
7) Trichlorofluoromethane	1.873	101	48182	18.435	ug/l	97
8) Diethyl Ether	2.136	74	19491	16.121	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	38237	20.458	ug/l	97
10) Methyl Iodide	2.446	142	43384	20.682	ug/l	89
11) Tert butyl alcohol	2.995	59	60915	108.054	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	39596	19.742	ug/l	94
13) Acrolein	2.239	56	43697	76.672	ug/l	97
14) Allyl chloride	2.660	41	86325	22.964	ug/l	93
15) Acrylonitrile	3.068	53	141363	101.240	ug/l	98
16) Acetone	2.392	43	126949	117.142	ug/l	93
17) Carbon Disulfide	2.501	76	110725	19.250	ug/l	100
18) Methyl Acetate	2.709	43	81437	22.740	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	146381	21.655	ug/l	99
20) Methylene Chloride	2.788	84	48004	19.155	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	40311	19.272	ug/l	99
22) Diisopropyl ether	3.763	45	164241	21.396	ug/l	98
23) Vinyl Acetate	3.721	43	948759	106.018	ug/l	100
24) 1,1-Dichloroethane	3.605	63	84660	21.867	ug/l	99
25) 2-Butanone	4.562	43	200143	105.351	ug/l	100
26) 2,2-Dichloropropane	4.477	77	68876	22.331	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	51210	20.283	ug/l	98
28) Bromochloromethane	4.903	49	36260	20.703	ug/l	95
29) Tetrahydrofuran	5.013	42	133628	101.484	ug/l	99
30) Chloroform	5.086	83	80723	21.705	ug/l	99
31) Cyclohexane	5.464	56	75133	20.634	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	67739	21.818	ug/l	99
36) 1,1-Dichloropropene	5.690	75	54706	20.711	ug/l	98
37) Ethyl Acetate	4.720	43	79130	21.266	ug/l	99
38) Carbon Tetrachloride	5.671	117	55380	20.734	ug/l	99
39) Methylcyclohexane	7.378	83	73425	20.078	ug/l	99
40) Benzene	6.037	78	182806	20.314	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42524	21.684	ug/l	97
42) 1,2-Dichloroethane	6.086	62	61395	23.455	ug/l	96
43) Isopropyl Acetate	6.342	43	126150	21.012	ug/l	99
44) Trichloroethene	7.122	130	40846	20.044	ug/l	93
45) 1,2-Dichloropropane	7.427	63	47697	21.538	ug/l	98
46) Dibromomethane	7.580	93	31260	20.645	ug/l	97
47) Bromodichloromethane	7.824	83	64250	21.854	ug/l	99
48) Methyl methacrylate	7.695	41	60664	21.430	ug/l	95
49) 1,4-Dioxane	7.671	88	22877	390.251	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	388761	101.893	ug/l	99
52) Toluene	8.720	92	110660	20.357	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	66954	20.854	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	73573	20.836	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	42859	20.073	ug/l	95
56) Ethyl methacrylate	9.116	69	80532	20.829	ug/l	98
57) 1,3-Dichloropropane	9.311	76	77022	21.286	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	181187	99.865	ug/l	96
59) 2-Hexanone	9.433	43	301613	102.872	ug/l	99
60) Dibromochloromethane	9.518	129	46245	20.541	ug/l	99
61) 1,2-Dibromoethane	9.610	107	44271	20.561	ug/l	100
64) Tetrachloroethene	9.274	164	33933	20.148	ug/l	99
65) Chlorobenzene	10.079	112	113841	20.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	38759	20.431	ug/l	97
67) Ethyl Benzene	10.195	91	206863	21.144	ug/l	99
68) m/p-Xylenes	10.299	106	151337	40.227	ug/l	100
69) o-Xylene	10.640	106	75996	20.108	ug/l	99
70) Styrene	10.658	104	125628	19.826	ug/l	99
71) Bromoform	10.799	173	31530	20.012	ug/l #	100
73) Isopropylbenzene	10.963	105	192346	21.945	ug/l	98
74) N-amyl acetate	10.841	43	107879	21.609	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	69384	20.565	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	57003m	21.646	ug/l	
77) Bromobenzene	11.195	156	42853	20.351	ug/l	94
78) n-propylbenzene	11.305	91	220508	22.075	ug/l	98
79) 2-Chlorotoluene	11.366	91	137440	22.108	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	155639	21.555	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23815	19.726	ug/l	89
82) 4-Chlorotoluene	11.457	91	154655	22.324	ug/l	99
83) tert-Butylbenzene	11.713	119	158695	21.236	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	157013	21.555	ug/l	99
85) sec-Butylbenzene	11.890	105	196037	21.610	ug/l	100
86) p-Isopropyltoluene	12.006	119	157136	21.202	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	78869	20.831	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	78219	20.191	ug/l	99
89) n-Butylbenzene	12.329	91	138046	21.517	ug/l	99
90) Hexachloroethane	12.536	117	30964	20.801	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	79703	20.879	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15250	23.105	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	44556	20.736	ug/l	98
94) Hexachlorobutadiene	13.725	225	17464	21.781	ug/l	98
95) Naphthalene	13.774	128	173751	20.475	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	46722	21.260	ug/l	99

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

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