

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043167.D
 Acq On : 26 Sep 2024 10:53
 Operator : JC/MD
 Sample : VX0926WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Quant Time: Sep 27 01:38:50 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	106050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90728	51.505	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.000%			
35) Dibromofluoromethane	5.385	113	69259	50.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.740%			
50) Toluene-d8	8.647	98	234126	50.824	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.640%			
62) 4-Bromofluorobenzene	11.079	95	94007	50.674	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20496	18.123	ug/l	99
3) Chloromethane	1.301	50	19901	17.236	ug/l	99
4) Vinyl Chloride	1.374	62	21984	18.744	ug/l	98
5) Bromomethane	1.605	94	14554	21.570	ug/l	96
6) Chloroethane	1.691	64	14306	19.051	ug/l	98
7) Trichlorofluoromethane	1.892	101	38337	18.415	ug/l	99
8) Diethyl Ether	2.136	74	13772	19.703	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	22136	18.838	ug/l	98
10) Methyl Iodide	2.453	142	25457	18.228	ug/l	100
11) Tert butyl alcohol	2.959	59	39832	101.274	ug/l	99
12) 1,1-Dichloroethene	2.319	96	21616	19.232	ug/l	99
13) Acrolein	2.239	56	4299	82.965	ug/l	93
14) Allyl chloride	2.666	41	38461	18.429	ug/l	99
15) Acrylonitrile	3.062	53	67760	99.319	ug/l	98
16) Acetone	2.380	43	74269	90.153	ug/l	100
17) Carbon Disulfide	2.514	76	46507	16.647	ug/l	99
18) Methyl Acetate	2.703	43	48685	21.957	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	82754	19.323	ug/l	98
20) Methylene Chloride	2.788	84	24423	18.634	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	21365	18.371	ug/l	99
22) Diisopropyl ether	3.764	45	78037	19.969	ug/l	97
23) Vinyl Acetate	3.721	43	442287	96.212	ug/l	100
24) 1,1-Dichloroethane	3.605	63	43645	19.317	ug/l	98
25) 2-Butanone	4.556	43	103048	97.037	ug/l	100
26) 2,2-Dichloropropane	4.471	77	42641	18.647	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	28200	19.478	ug/l	99
28) Bromochloromethane	4.904	49	22526	22.649	ug/l	96
29) Tetrahydrofuran	5.007	42	62957	98.579	ug/l	99
30) Chloroform	5.093	83	48606	19.511	ug/l	100
31) Cyclohexane	5.471	56	32797	18.932	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	43395	18.389	ug/l	99
36) 1,1-Dichloropropene	5.690	75	30486	18.221	ug/l	99
37) Ethyl Acetate	4.715	43	38106	18.133	ug/l	99
38) Carbon Tetrachloride	5.678	117	36755	17.054	ug/l	98
39) Methylcyclohexane	7.379	83	36071	17.179	ug/l	97
40) Benzene	6.038	78	91236	18.481	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20763	19.874	ug/l	98
42) 1,2-Dichloroethane	6.086	62	38832	18.524	ug/l	100
43) Isopropyl Acetate	6.342	43	63999	18.233	ug/l	99
44) Trichloroethene	7.129	130	24105	17.845	ug/l	99
45) 1,2-Dichloropropane	7.428	63	23364	19.000	ug/l	97
46) Dibromomethane	7.580	93	18371	17.742	ug/l	99
47) Bromodichloromethane	7.824	83	39230	18.220	ug/l	97
48) Methyl methacrylate	7.696	41	30609	17.754	ug/l	99
49) 1,4-Dioxane	7.659	88	13456	413.432	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	201811	93.588	ug/l	100
52) Toluene	8.720	92	58343	18.351	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39483	17.863	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	40539	18.366	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	24793	18.940	ug/l	97
56) Ethyl methacrylate	9.116	69	41546	18.239	ug/l	99
57) 1,3-Dichloropropane	9.311	76	41567	18.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	86031	93.406	ug/l	99
59) 2-Hexanone	9.427	43	158586	94.053	ug/l	99
60) Dibromochloromethane	9.519	129	30352	17.755	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26489	18.494	ug/l	98
64) Tetrachloroethene	9.275	164	21635	17.320	ug/l	96
65) Chlorobenzene	10.080	112	68255	18.352	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	25051	18.261	ug/l	99
67) Ethyl Benzene	10.195	91	119702	18.606	ug/l	97
68) m/p-Xylenes	10.299	106	89340	37.316	ug/l	100
69) o-Xylene	10.640	106	43948	18.301	ug/l	99
70) Styrene	10.653	104	74842	18.684	ug/l	98
71) Bromoform	10.799	173	20431	16.933	ug/l #	97
73) Isopropylbenzene	10.964	105	117706	18.256	ug/l	99
74) N-amyl acetate	10.842	43	54610	18.027	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38954	18.776	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33815m	18.501	ug/l	
77) Bromobenzene	11.195	156	28602	18.479	ug/l	100
78) n-propylbenzene	11.305	91	132632	18.132	ug/l	100
79) 2-Chlorotoluene	11.360	91	82147	17.905	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	96303	18.053	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12558	16.370	ug/l	99
82) 4-Chlorotoluene	11.451	91	96015	18.309	ug/l	100
83) tert-Butylbenzene	11.713	119	97330	17.707	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	96487	18.181	ug/l	99
85) sec-Butylbenzene	11.890	105	121480	17.982	ug/l	100
86) p-Isopropyltoluene	12.006	119	101403	18.079	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51808	18.358	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	52977	18.720	ug/l	98
89) n-Butylbenzene	12.329	91	90284	18.470	ug/l	99
90) Hexachloroethane	12.536	117	19249	17.221	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	50907	18.316	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9362	16.690	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	31494	18.277	ug/l	100
94) Hexachlorobutadiene	13.725	225	12141	16.770	ug/l	96
95) Naphthalene	13.774	128	108064	18.043	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30280	17.687	ug/l	99

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

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