

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042906.D
 Acq On : 07 Aug 2024 11:26
 Operator : JC/MD
 Sample : VX0807WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Manual Integrations
 APPROVED

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

Quant Time: Aug 08 01:59:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	265070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	435502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	183153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172649	47.446	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.900%		
35) Dibromofluoromethane	5.379	113	138589	48.670	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.340%		
50) Toluene-d8	8.647	98	486374	48.114	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.220%		
62) 4-Bromofluorobenzene	11.079	95	174515	48.042	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52065	18.223	ug/l	98
3) Chloromethane	1.301	50	51168	16.437	ug/l	98
4) Vinyl Chloride	1.374	62	50711	17.169	ug/l	99
5) Bromomethane	1.593	94	27923	15.621	ug/l	95
6) Chloroethane	1.666	64	26411	15.696	ug/l	100
7) Trichlorofluoromethane	1.867	101	83483	18.174	ug/l	95
8) Diethyl Ether	2.136	74	28584	16.918	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	49029	16.977	ug/l	95
10) Methyl Iodide	2.441	142	51231	17.156	ug/l	94
11) Tert butyl alcohol	2.989	59	57793	79.847	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	48608	16.637	ug/l	88
13) Acrolein	2.239	56	63235	88.634	ug/l	99
14) Allyl chloride	2.660	41	77971	17.662	ug/l	94
15) Acrylonitrile	3.068	53	150284	81.350	ug/l	99
16) Acetone	2.392	43	114041	72.254	ug/l	95
17) Carbon Disulfide	2.502	76	109976	15.468	ug/l	97
18) Methyl Acetate	2.709	43	78214	15.627	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	164810	16.760	ug/l	99
20) Methylene Chloride	2.782	84	56166	16.464	ug/l #	90
21) trans-1,2-Dichloroethene	3.087	96	49887	16.972	ug/l	89
22) Diisopropyl ether	3.763	45	163733	16.883	ug/l	98
23) Vinyl Acetate	3.721	43	934758	84.924	ug/l	98
24) 1,1-Dichloroethane	3.605	63	92957	16.666	ug/l	99
25) 2-Butanone	4.562	43	198313	80.009	ug/l	92
26) 2,2-Dichloropropane	4.465	77	66595	19.421	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	58515	16.786	ug/l	92
28) Bromochloromethane	4.891	49	33233	15.528	ug/l	85
29) Tetrahydrofuran	5.007	42	127361	76.040	ug/l	92
30) Chloroform	5.093	83	97982	16.780	ug/l	99
31) Cyclohexane	5.464	56	76080	16.709	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	85677	16.668	ug/l	97
36) 1,1-Dichloropropene	5.690	75	62180	16.106	ug/l	95
37) Ethyl Acetate	4.721	43	78601	16.272	ug/l	97
38) Carbon Tetrachloride	5.672	117	73533	16.873	ug/l	93
39) Methylcyclohexane	7.373	83	80808	17.607	ug/l	97
40) Benzene	6.031	78	208178	17.374	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	41468	16.668	ug/l	94
42) 1,2-Dichloroethane	6.086	62	75173	17.248	ug/l	96
43) Isopropyl Acetate	6.342	43	116112	16.254	ug/l	96
44) Trichloroethene	7.123	130	52075	17.297	ug/l	95
45) 1,2-Dichloropropane	7.427	63	51248	16.861	ug/l	98
46) Dibromomethane	7.580	93	38598	17.290	ug/l	93
47) Bromodichloromethane	7.818	83	69780	16.827	ug/l	99
48) Methyl methacrylate	7.696	41	57436	16.768	ug/l	92
49) 1,4-Dioxane	7.665	88	25259	332.180	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	393581	82.251	ug/l	99
52) Toluene	8.714	92	127703	17.571	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	65980	17.212	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	74726	17.651	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	52089	17.630	ug/l	97
56) Ethyl methacrylate	9.116	69	79459	16.712	ug/l	93
57) 1,3-Dichloropropane	9.305	76	85148	17.592	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	177319	79.129	ug/l	99
59) 2-Hexanone	9.433	43	301763	81.385	ug/l	97
60) Dibromochloromethane	9.519	129	54044	16.651	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53994	17.296	ug/l	100
64) Tetrachloroethene	9.275	164	47899	17.788	ug/l	96
65) Chlorobenzene	10.079	112	140246	17.065	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	48709	17.189	ug/l	100
67) Ethyl Benzene	10.195	91	239731	17.342	ug/l	99
68) m/p-Xylenes	10.299	106	183365	34.746	ug/l	99
69) o-Xylene	10.640	106	89429	16.917	ug/l	98
70) Styrene	10.652	104	151376	17.807	ug/l	97
71) Bromoform	10.799	173	37487	16.594	ug/l #	100
73) Isopropylbenzene	10.963	105	234369	17.699	ug/l	99
74) N-amyl acetate	10.841	43	97969	16.443	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	78712	16.226	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	64608m	15.685	ug/l	
77) Bromobenzene	11.195	156	58396	17.336	ug/l	89
78) n-propylbenzene	11.305	91	262493	17.846	ug/l	99
79) 2-Chlorotoluene	11.366	91	165177	17.521	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	195491	17.830	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20645	16.297	ug/l	93
82) 4-Chlorotoluene	11.451	91	187167	17.663	ug/l	98
83) tert-Butylbenzene	11.713	119	196906	17.475	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	199272	18.053	ug/l	100
85) sec-Butylbenzene	11.890	105	238289	17.959	ug/l	99
86) p-Isopropyltoluene	12.006	119	201647	18.293	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	105456	17.299	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	105358	16.862	ug/l	99
89) n-Butylbenzene	12.329	91	165249	17.376	ug/l	97
90) Hexachloroethane	12.536	117	32785	16.259	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	106517	17.449	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16669	15.638	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	61283	16.458	ug/l	98
94) Hexachlorobutadiene	13.725	225	27549	17.445	ug/l	100
95) Naphthalene	13.774	128	214793	16.670	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	65527	17.482	ug/l	98

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

