

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100724\
 Data File : VX043302.D
 Acq On : 07 Oct 2024 10:20
 Operator : JC/MD
 Sample : VX1007WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/08/2024
 Supervised By :Semsettin Yesilyurt 10/08/2024

Quant Time: Oct 08 05:36:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	105096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84005	48.943	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.880%		
35) Dibromofluoromethane	5.379	113	60135	47.722	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.440%		
50) Toluene-d8	8.647	98	210883	48.292	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.580%		
62) 4-Bromofluorobenzene	11.079	95	79607	50.179	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22646	18.525	ug/l	100
3) Chloromethane	1.294	50	22121	17.570	ug/l	100
4) Vinyl Chloride	1.374	62	21941	17.398	ug/l	97
5) Bromomethane	1.599	94	8848	17.173	ug/l	89
6) Chloroethane	1.666	64	8495	18.089	ug/l	95
7) Trichlorofluoromethane	1.874	101	36163	19.192	ug/l	98
8) Diethyl Ether	2.136	74	13155	17.940	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	21979	18.692	ug/l	97
10) Methyl Iodide	2.447	142	25408	17.204	ug/l	99
11) Tert butyl alcohol	2.995	59	34446	105.463	ug/l	99
12) 1,1-Dichloroethene	2.312	96	19965	17.098	ug/l	98
13) Acrolein	2.239	56	28684	92.982	ug/l	96
14) Allyl chloride	2.660	41	36312	18.929	ug/l	99
15) Acrylonitrile	3.068	53	65492	98.199	ug/l	100
16) Acetone	2.386	43	68898	96.122	ug/l	99
17) Carbon Disulfide	2.501	76	44486	15.663	ug/l	100
18) Methyl Acetate	2.703	43	39267	21.838	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	80322	19.227	ug/l	100
20) Methylene Chloride	2.782	84	23370	17.683	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	20693	17.807	ug/l	98
22) Diisopropyl ether	3.763	45	75664	19.610	ug/l	97
23) Vinyl Acetate	3.721	43	448511	107.843	ug/l	100
24) 1,1-Dichloroethane	3.605	63	42191	18.769	ug/l	100
25) 2-Butanone	4.562	43	99099	100.834	ug/l	98
26) 2,2-Dichloropropane	4.465	77	40491	18.932	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	26705	18.426	ug/l	99
28) Bromochloromethane	4.891	49	17738	20.002	ug/l	98
29) Tetrahydrofuran	5.007	42	61728	98.594	ug/l	98
30) Chloroform	5.092	83	46078	18.666	ug/l	94
31) Cyclohexane	5.464	56	32034	17.297	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	41770	18.422	ug/l	100
36) 1,1-Dichloropropene	5.690	75	28839	18.116	ug/l	100
37) Ethyl Acetate	4.721	43	36102	18.885	ug/l	100
38) Carbon Tetrachloride	5.672	117	34511	18.313	ug/l	96
39) Methylcyclohexane	7.379	83	37194	18.577	ug/l	99
40) Benzene	6.031	78	89392	18.521	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19715	19.811	ug/l	96
42) 1,2-Dichloroethane	6.086	62	38619	19.635	ug/l	100
43) Isopropyl Acetate	6.342	43	62530	19.803	ug/l	100
44) Trichloroethene	7.123	130	23254	18.165	ug/l	97
45) 1,2-Dichloropropane	7.427	63	22814	19.261	ug/l	98
46) Dibromomethane	7.580	93	18378	19.363	ug/l	98
47) Bromodichloromethane	7.818	83	35542	19.047	ug/l	98
48) Methyl methacrylate	7.690	41	30376	19.606	ug/l	99
49) 1,4-Dioxane	7.665	88	12933	429.429	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	195785	102.090	ug/l	100
52) Toluene	8.714	92	58406	19.308	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	37288	20.109	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	38482	19.350	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	24471	20.356	ug/l	97
56) Ethyl methacrylate	9.116	69	39433	20.063	ug/l	99
57) 1,3-Dichloropropane	9.305	76	40577	19.818	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	80514	90.881	ug/l	100
59) 2-Hexanone	9.433	43	150099	103.499	ug/l	100
60) Dibromochloromethane	9.518	129	26707	19.150	ug/l	97
61) 1,2-Dibromoethane	9.610	107	25716	19.910	ug/l	97
64) Tetrachloroethene	9.269	164	20797	18.821	ug/l	95
65) Chlorobenzene	10.079	112	64953	18.972	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	23690	19.568	ug/l	99
67) Ethyl Benzene	10.195	91	113579	19.193	ug/l	99
68) m/p-Xylenes	10.299	106	85611	38.281	ug/l	99
69) o-Xylene	10.640	106	43189	19.435	ug/l	98
70) Styrene	10.652	104	71024	19.721	ug/l	98
71) Bromoform	10.799	173	17462	18.829	ug/l #	98
73) Isopropylbenzene	10.963	105	111797	19.433	ug/l	100
74) N-amyl acetate	10.841	43	50838	18.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	36762	19.615	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32052m	19.528	ug/l	
77) Bromobenzene	11.195	156	26104	18.645	ug/l	97
78) n-propylbenzene	11.305	91	123239	19.513	ug/l	99
79) 2-Chlorotoluene	11.366	91	76997	18.963	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	92037	19.394	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11383	17.974	ug/l	95
82) 4-Chlorotoluene	11.451	91	88750	19.188	ug/l	100
83) tert-Butylbenzene	11.713	119	92382	18.895	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	92003	19.268	ug/l	98
85) sec-Butylbenzene	11.890	105	112995	19.495	ug/l	100
86) p-Isopropyltoluene	12.006	119	95026	19.651	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47145	19.116	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	47327	18.613	ug/l	99
89) n-Butylbenzene	12.335	91	78771	19.457	ug/l	98
90) Hexachloroethane	12.536	117	17267	19.040	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	48397	19.188	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8748	19.118	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	26973	18.550	ug/l	98
94) Hexachlorobutadiene	13.725	225	11280	19.569	ug/l	94
95) Naphthalene	13.774	128	99023	18.525	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28585	19.054	ug/l	100

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

