

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042888.D
 Acq On : 07 Aug 2024 00:09
 Operator : JC/MD
 Sample : VX0807MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807MBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024

Quant Time: Aug 07 06:27:49 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	5.550	168	239097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	415140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174390	53.130	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.260%			
35) Dibromofluoromethane	5.385	113	137781	50.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	8.647	98	490344	50.886	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.780%			
62) 4-Bromofluorobenzene	11.079	95	174051	50.264	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	54704	21.226	ug/l	96
3) Chloromethane	1.301	50	54850	19.533	ug/l	97
4) Vinyl Chloride	1.374	62	52639	19.757	ug/l	98
5) Bromomethane	1.599	94	31734	19.681	ug/l	98
6) Chloroethane	1.666	64	28962	19.081	ug/l	100
7) Trichlorofluoromethane	1.874	101	83417	20.133	ug/l	100
8) Diethyl Ether	2.136	74	29568	19.401	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	49851	19.136	ug/l	94
10) Methyl Iodide	2.447	142	55422	20.575	ug/l	95
11) Tert butyl alcohol	2.989	59	74900	114.723	ug/l #	95
12) 1,1-Dichloroethene	2.307	96	50052	18.992	ug/l	89
13) Acrolein	2.239	56	68665	106.700	ug/l	99
14) Allyl chloride	2.660	41	79715	20.019	ug/l	95
15) Acrylonitrile	3.069	53	161222	96.751	ug/l	99
16) Acetone	2.392	43	133796	93.979	ug/l	93
17) Carbon Disulfide	2.502	76	118921	18.544	ug/l	99
18) Methyl Acetate	2.709	43	84775	18.778	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	169703	19.132	ug/l	98
20) Methylene Chloride	2.788	84	59957	19.669	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	52155	19.671	ug/l	94
22) Diisopropyl ether	3.770	45	173897	19.879	ug/l	90
23) Vinyl Acetate	3.727	43	977920	98.497	ug/l	98
24) 1,1-Dichloroethane	3.611	63	97838	19.447	ug/l	98
25) 2-Butanone	4.568	43	215719	96.485	ug/l	99
26) 2,2-Dichloropropane	4.477	77	46829	15.140	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	62825	19.980	ug/l	88
28) Bromochloromethane	4.904	49	36957	19.144	ug/l #	83
29) Tetrahydrofuran	5.013	42	143821	95.195	ug/l	97
30) Chloroform	5.093	83	100718	19.123	ug/l	95
31) Cyclohexane	5.471	56	79187	19.281	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	91858	19.811	ug/l	97
36) 1,1-Dichloropropene	5.696	75	67028	18.213	ug/l	98
37) Ethyl Acetate	4.727	43	84086	18.261	ug/l	97
38) Carbon Tetrachloride	5.678	117	76073	18.312	ug/l	96
39) Methylcyclohexane	7.379	83	79556	18.185	ug/l	96
40) Benzene	6.038	78	216141	18.924	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	43512	18.347	ug/l	91
42) 1,2-Dichloroethane	6.086	62	79354	19.101	ug/l	98
43) Isopropyl Acetate	6.348	43	125421	18.418	ug/l	96
44) Trichloroethene	7.129	130	52637	18.341	ug/l	98
45) 1,2-Dichloropropane	7.434	63	53259	18.382	ug/l	100
46) Dibromomethane	7.586	93	40110	18.849	ug/l	94
47) Bromodichloromethane	7.824	83	73924	18.701	ug/l	95
48) Methyl methacrylate	7.696	41	63003	19.295	ug/l	89
49) 1,4-Dioxane	7.671	88	28345	391.047	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	440512	96.574	ug/l	99
52) Toluene	8.720	92	133757	19.306	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	66602	18.226	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	74711	18.513	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	54583	19.380	ug/l	97
56) Ethyl methacrylate	9.116	69	86153	19.009	ug/l	95
57) 1,3-Dichloropropane	9.311	76	89136	19.319	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	211940	99.218	ug/l	99
59) 2-Hexanone	9.433	43	331781	93.870	ug/l	96
60) Dibromochloromethane	9.519	129	58475	18.899	ug/l	96
61) 1,2-Dibromoethane	9.610	107	57506	19.325	ug/l	99
64) Tetrachloroethene	9.275	164	50115	19.604	ug/l	94
65) Chlorobenzene	10.080	112	148306	19.009	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	52575	19.543	ug/l	97
67) Ethyl Benzene	10.195	91	252646	19.252	ug/l	100
68) m/p-Xylenes	10.299	106	192184	38.361	ug/l	100
69) o-Xylene	10.640	106	96170	19.163	ug/l	98
70) Styrene	10.659	104	160780	19.923	ug/l	97
71) Bromoform	10.799	173	40385	18.691	ug/l #	98
73) Isopropylbenzene	10.964	105	245615	19.368	ug/l	99
74) N-amyl acetate	10.842	43	108507	19.016	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	86152	18.544	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68469m	17.357	ug/l	
77) Bromobenzene	11.195	156	60756	18.834	ug/l	90
78) n-propylbenzene	11.305	91	271864	19.299	ug/l	100
79) 2-Chlorotoluene	11.366	91	174628	19.341	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	207737	19.783	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20266	16.704	ug/l	94
82) 4-Chlorotoluene	11.457	91	197429	19.454	ug/l	100
83) tert-Butylbenzene	11.713	119	205429	19.037	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	206909	19.573	ug/l	98
85) sec-Butylbenzene	11.890	105	248291	19.540	ug/l	98
86) p-Isopropyltoluene	12.006	119	208013	19.704	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	109029	18.675	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	110311	18.434	ug/l	99
89) n-Butylbenzene	12.329	91	165751	18.199	ug/l	97
90) Hexachloroethane	12.536	117	35707	18.490	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	112077	19.171	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19155	18.765	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	63276	17.744	ug/l	96
94) Hexachlorobutadiene	13.725	225	27954	18.483	ug/l	100
95) Naphthalene	13.774	128	234707	19.020	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67306	18.750	ug/l	98

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

