

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
 Data File : VX029351.D
 Acq On : 09 Jun 2022 17:35
 Operator : JC/MD
 Sample : VX0609MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 09 17:59:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dadoda
Internal Standards							06/10/2022
1) Pentafluorobenzene	5.556	168	177112	50.000	ug/l	0.00	Supervised By :Mahesh Dadoda
34) 1,4-Difluorobenzene	6.769	114	292896	50.000	ug/l	0.00	
63) Chlorobenzene-d5	10.055	117	302860	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	12.024	152	183426	50.000	ug/l	0.00	
System Monitoring Compounds							06/10/2022
33) 1,2-Dichloroethane-d4	5.958	65	149147	55.514	ug/l	0.00	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.020%	
35) Dibromofluoromethane	5.391	113	126633	50.856	ug/l	0.00	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.720%	
50) Toluene-d8	8.653	98	433741	49.252	ug/l	0.00	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.500%	
62) 4-Bromofluorobenzene	11.085	95	181683	52.718	ug/l	0.00	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.440%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.166	85	56195	19.987	ug/l	98	
3) Chloromethane	1.288	50	54478	18.155	ug/l	99	
4) Vinyl Chloride	1.373	62	59105	18.979	ug/l	98	
5) Bromomethane	1.611	94	32719	19.615	ug/l	98	
6) Chloroethane	1.684	64	40793	28.721	ug/l	93	
7) Trichlorofluoromethane	1.886	101	91082	20.070	ug/l	98	
8) Diethyl Ether	2.136	74	37834	21.389	ug/l	97	
9) 1,1,2-Trichlorotrifluo...	2.331	101	54443	19.904	ug/l	99	
10) Methyl Iodide	2.453	142	60133	18.610	ug/l	96	
11) Tert butyl alcohol	2.977	59	90136	99.669	ug/l #	94	
12) 1,1-Dichloroethene	2.318	96	53001	19.907	ug/l	95	
13) Acrolein	2.239	56	27761	84.877	ug/l	99	
14) Allyl chloride	2.666	41	84737	19.827	ug/l	95	
15) Acrylonitrile	3.068	53	179783	106.692	ug/l	99	
16) Acetone	2.385	43	144830	101.083	ug/l	98	
17) Carbon Disulfide	2.514	76	110516	16.864	ug/l	99	
18) Methyl Acetate	2.709	43	79987	21.072	ug/l	97	
19) Methyl tert-butyl Ether	3.117	73	207280	22.553	ug/l	99	
20) Methylene Chloride	2.788	84	64297	20.095	ug/l	97	
21) trans-1,2-Dichloroethene	3.093	96	60409	20.216	ug/l	99	
22) Diisopropyl ether	3.763	45	188195	21.814	ug/l #	87	
23) Vinyl Acetate	3.727	43	795359	111.208	ug/l	97	
24) 1,1-Dichloroethane	3.611	63	106606	20.488	ug/l	98	
25) 2-Butanone	4.562	43	245538	108.335	ug/l	97	
26) 2,2-Dichloropropane	4.483	77	75071	20.237	ug/l	99	
27) cis-1,2-Dichloroethene	4.495	96	71440	20.211	ug/l	94	
28) Bromochloromethane	4.903	49	45197	22.096	ug/l	99	
29) Tetrahydrofuran	5.007	42	160573	108.708	ug/l	95	
30) Chloroform	5.098	83	115258	20.527	ug/l	100	
31) Cyclohexane	5.470	56	94752	19.735	ug/l	99	
32) 1,1,1-Trichloroethane	5.385	97	98395	20.339	ug/l	97	
36) 1,1-Dichloropropene	5.696	75	82629	20.088	ug/l	99	
37) Ethyl Acetate	4.714	43	91266	21.495	ug/l	98	
38) Carbon Tetrachloride	5.684	117	80990	19.264	ug/l	100	
39) Methylcyclohexane	7.385	83	102323	20.196	ug/l	96	
40) Benzene	6.043	78	250264	20.437	ug/l	99	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51254	21.504	ug/l	95
42) 1,2-Dichloroethane	6.092	62	91301	21.465	ug/l	99
43) Isopropyl Acetate	6.342	43	138574	21.724	ug/l	99
44) Trichloroethene	7.129	130	67583	20.271	ug/l	99
45) 1,2-Dichloropropane	7.433	63	63739	21.172	ug/l	99
46) Dibromomethane	7.586	93	45720	20.963	ug/l	95
47) Bromodichloromethane	7.824	83	83042	20.174	ug/l	98
48) Methyl methacrylate	7.696	41	70498	21.974	ug/l	91
49) 1,4-Dioxane	7.677	88	35168	426.144	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	476878	114.232	ug/l	97
52) Toluene	8.720	92	164299	20.901	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	81517	19.050	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	95043	20.566	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	67629	21.269	ug/l	98
56) Ethyl methacrylate	9.122	69	103381	22.348	ug/l	93
57) 1,3-Dichloropropane	9.311	76	113712	21.216	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	264324	117.618	ug/l	98
59) 2-Hexanone	9.433	43	367466	115.774	ug/l	95
60) Dibromochloromethane	9.524	129	60856	19.783	ug/l	95
61) 1,2-Dibromoethane	9.610	107	72470	21.368	ug/l	100
64) Tetrachloroethene	9.274	164	61858	21.536	ug/l	95
65) Chlorobenzene	10.079	112	175331	21.000	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	61787	21.261	ug/l	98
67) Ethyl Benzene	10.195	91	311697	21.243	ug/l	99
68) m/p-Xylenes	10.305	106	240749	42.408	ug/l	97
69) o-Xylene	10.646	106	120245	21.797	ug/l	98
70) Styrene	10.658	104	198936	21.608	ug/l	98
71) Bromoform	10.805	173	39720	19.245	ug/l #	99
73) Isopropylbenzene	10.963	105	314484	21.778	ug/l	98
74) N-amyl acetate	10.847	43	110857	22.677	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	104187	21.378	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	93524m	21.829	ug/l	
77) Bromobenzene	11.201	156	73058	21.547	ug/l	93
78) n-propylbenzene	11.305	91	353291	21.560	ug/l	100
79) 2-Chlorotoluene	11.366	91	218687	21.672	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	267793	21.840	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23316	18.382	ug/l #	78
82) 4-Chlorotoluene	11.457	91	251636	21.604	ug/l	99
83) tert-Butylbenzene	11.719	119	259262	21.792	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	267804	22.128	ug/l	98
85) sec-Butylbenzene	11.890	105	315682	21.608	ug/l	100
86) p-Isopropyltoluene	12.012	119	271117	22.136	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	138317	21.375	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	137761	20.932	ug/l	95
89) n-Butylbenzene	12.335	91	225584	21.846	ug/l	99
90) Hexachloroethane	12.542	117	34983	17.966	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	138063	21.518	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21809	21.516	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	85551	22.590	ug/l	98
94) Hexachlorobutadiene	13.725	225	32519	20.654	ug/l	94
95) Naphthalene	13.780	128	334806	25.049	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	86818	22.991	ug/l	94

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

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

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