

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035290.D
 Acq On : 25 Apr 2023 17:46
 Operator : JC/MD
 Sample : VX0425MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2023
 Supervised By : Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 01:41:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	269936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	429179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167378	51.396	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.800%			
35) Dibromofluoromethane	5.385	113	137788	52.308	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.620%			
50) Toluene-d8	8.647	98	517657	52.094	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.180%			
62) 4-Bromofluorobenzene	11.079	95	196317	52.518	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56246	19.692	ug/l	98
3) Chloromethane	1.294	50	49612	19.094	ug/l	99
4) Vinyl Chloride	1.374	62	49918	19.155	ug/l	97
5) Bromomethane	1.617	94	32931	19.012	ug/l	97
6) Chloroethane	1.691	64	29504	19.357	ug/l	100
7) Trichlorofluoromethane	1.892	101	77274	18.961	ug/l	96
8) Diethyl Ether	2.136	74	27438	18.466	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	50719	18.633	ug/l	96
10) Methyl Iodide	2.453	142	61800	17.990	ug/l	96
11) Tert butyl alcohol	3.026	59	55779	94.068	ug/l #	80
12) 1,1-Dichloroethene	2.319	96	48963	18.676	ug/l	98
13) Acrolein	2.245	56	47799	81.968	ug/l	99
14) Allyl chloride	2.666	41	85067	18.438	ug/l	98
15) Acrylonitrile	3.068	53	143329	96.644	ug/l	98
16) Acetone	2.398	43	126478	89.421	ug/l	97
17) Carbon Disulfide	2.514	76	110822	17.633	ug/l	99
18) Methyl Acetate	2.709	43	105150	19.225	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	171035	19.015	ug/l	97
20) Methylene Chloride	2.794	84	58172	17.937	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	54378	19.097	ug/l	93
22) Diisopropyl ether	3.757	45	175787	19.254	ug/l	95
23) Vinyl Acetate	3.721	43	608337	96.935	ug/l	99
24) 1,1-Dichloroethane	3.611	63	98725	19.197	ug/l	99
25) 2-Butanone	4.568	43	194197	94.067	ug/l	94
26) 2,2-Dichloropropane	4.477	77	70304	17.449	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	63003	18.824	ug/l	93
28) Bromochloromethane	4.897	49	46453	21.196	ug/l	88
29) Tetrahydrofuran	5.019	42	126586	95.651	ug/l	96
30) Chloroform	5.092	83	99816	19.226	ug/l	95
31) Cyclohexane	5.476	56	89174	19.303	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	85734	18.843	ug/l	98
36) 1,1-Dichloropropene	5.696	75	74801	18.186	ug/l	98
37) Ethyl Acetate	4.714	43	72200	19.219	ug/l	97
38) Carbon Tetrachloride	5.684	117	73422	18.804	ug/l	94
39) Methylcyclohexane	7.379	83	92802	18.536	ug/l	98
40) Benzene	6.037	78	222197	18.832	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42312	19.657	ug/l	99
42) 1,2-Dichloroethane	6.086	62	80430	19.118	ug/l	98
43) Isopropyl Acetate	6.342	43	117923	18.681	ug/l	95
44) Trichloroethene	7.123	130	60022	18.466	ug/l	98
45) 1,2-Dichloropropane	7.433	63	56908	19.131	ug/l	99
46) Dibromomethane	7.586	93	38675	18.933	ug/l	94
47) Bromodichloromethane	7.824	83	68163	18.111	ug/l	100
48) Methyl methacrylate	7.696	41	60168	19.432	ug/l	93
49) 1,4-Dioxane	7.738	88	29655	392.909	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	376039	96.965	ug/l	97
52) Toluene	8.720	92	141425	18.909	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	71369	18.157	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	83776	18.857	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	56673	19.008	ug/l	94
56) Ethyl methacrylate	9.116	69	85255	19.195	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	95340	18.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	197641	88.994	ug/l	95
59) 2-Hexanone	9.433	43	280299	96.210	ug/l	95
60) Dibromochloromethane	9.518	129	52831	18.494	ug/l	98
61) 1,2-Dibromoethane	9.610	107	58506	19.035	ug/l	100
64) Tetrachloroethene	9.275	164	54915	18.825	ug/l	99
65) Chlorobenzene	10.079	112	151820	18.419	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	53200	18.545	ug/l	99
67) Ethyl Benzene	10.195	91	269952	18.911	ug/l	97
68) m/p-Xylenes	10.299	106	208286	38.080	ug/l	99
69) o-Xylene	10.640	106	102031	19.023	ug/l	100
70) Styrene	10.652	104	167215	19.228	ug/l	98
71) Bromoform	10.799	173	34844	17.463	ug/l #	99
73) Isopropylbenzene	10.963	105	267511	19.493	ug/l	100
74) N-amyl acetate	10.841	43	100724	19.531	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	83289	19.554	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	68019m	18.163	ug/l	
77) Bromobenzene	11.195	156	64727	18.974	ug/l	93
78) n-propylbenzene	11.305	91	302005	19.162	ug/l	100
79) 2-Chlorotoluene	11.366	91	185522	18.837	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	227029	19.620	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	18184	15.727	ug/l	88
82) 4-Chlorotoluene	11.457	91	211564	19.126	ug/l	98
83) tert-Butylbenzene	11.713	119	218170	18.791	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	226417	19.474	ug/l	99
85) sec-Butylbenzene	11.890	105	270999	19.029	ug/l	99
86) p-Isopropyltoluene	12.012	119	234445	19.356	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	122959	18.967	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	122377	18.004	ug/l	99
89) n-Butylbenzene	12.335	91	187727	18.360	ug/l	99
90) Hexachloroethane	12.536	117	33055	17.828	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	120450	18.577	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16058	18.801	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	76683	18.815	ug/l	100
94) Hexachlorobutadiene	13.725	225	30843	17.243	ug/l	99
95) Naphthalene	13.774	128	253516	20.206	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75798	18.475	ug/l	99

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

