

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039555.D
 Acq On : 29 Dec 2023 18:57
 Operator : JC/MD
 Sample : 06017-03MSD
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MSD

Quant Time: Dec 30 02:07:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/01/2024
 Supervised By : Mahesh Dadoda 01/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	114047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209296	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96663	46.267	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.540%		
35) Dibromofluoromethane	5.391	113	69528	48.086	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.180%		
50) Toluene-d8	8.646	98	252818	47.097	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.200%		
62) 4-Bromofluorobenzene	11.085	95	104085	46.995	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68618	42.817	ug/l	97
3) Chloromethane	1.300	50	81009	45.597	ug/l	98
4) Vinyl Chloride	1.373	62	79267	47.973	ug/l	99
5) Bromomethane	1.599	94	33944	35.707	ug/l	94
6) Chloroethane	1.666	64	23811	23.913	ug/l	95
7) Trichlorofluoromethane	1.843	101	59443	24.568	ug/l	98
8) Diethyl Ether	2.141	74	42456	50.701	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.294	101	70413	47.690	ug/l	97
10) Methyl Iodide	2.428	142	60464	39.620	ug/l	95
11) Tert butyl alcohol	3.208	59	128294m	244.533	ug/l	
12) 1,1-Dichloroethene	2.288	96	67950	46.332	ug/l	99
13) Acrolein	2.251	56	115472	275.889	ug/l	100
14) Allyl chloride	2.647	41	103675	34.896	ug/l #	92
15) Acrylonitrile	3.086	53	271131	258.184	ug/l	100
16) Acetone	2.422	43	242666	194.911	ug/l	97
17) Carbon Disulfide	2.483	76	167698	39.074	ug/l	98
18) Methyl Acetate	2.721	43	259367	57.396	ug/l	99
19) Methyl tert-butyl Ether	3.135	73	269390	50.789	ug/l	99
20) Methylene Chloride	2.782	84	83575	47.986	ug/l	98
21) trans-1,2-Dichloroethene	3.074	96	77168	48.355	ug/l	98
22) Diisopropyl ether	3.781	45	278209	51.443	ug/l #	85
23) Vinyl Acetate	3.733	43	989621	245.795	ug/l	100
24) 1,1-Dichloroethane	3.605	63	152916	50.019	ug/l	99
25) 2-Butanone	4.592	43	378679	210.042	ug/l	97
26) 2,2-Dichloropropane	4.464	77	110263	41.313	ug/l	98
27) cis-1,2-Dichloroethene	4.482	96	87174	49.490	ug/l	97
28) Bromochloromethane	4.903	49	69918	46.872	ug/l	93
29) Tetrahydrofuran	5.037	42	257151	258.280	ug/l	98
30) Chloroform	5.092	83	149695	48.999	ug/l	94
31) Cyclohexane	5.458	56	150038	55.600	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	126028	47.519	ug/l	99
36) 1,1-Dichloropropene	5.683	75	110281	48.333	ug/l	99
37) Ethyl Acetate	4.739	43	159596	56.616	ug/l	98
38) Carbon Tetrachloride	5.671	117	99245	45.578	ug/l	97
39) Methylcyclohexane	7.372	83	165735	60.470	ug/l	96
40) Benzene	6.031	78	326817	50.635	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	66660	44.320	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	126061	48.250	ug/l	98
43) Isopropyl Acetate	6.360	43	229361	50.035	ug/l	99
44) Trichloroethene	7.122	130	77449	47.551	ug/l	92
45) 1,2-Dichloropropane	7.433	63	88183	50.907	ug/l	98
46) Dibromomethane	7.579	93	58732	48.233	ug/l	95
47) Bromodichloromethane	7.823	83	103587	44.492	ug/l	98
48) Methyl methacrylate	7.701	41	129879	48.464	ug/l	92
49) 1,4-Dioxane	7.689	88	23421	648.358	ug/l #	85
51) 4-Methyl-2-Pentanone	8.591	43	760458	260.371	ug/l	99
52) Toluene	8.720	92	189794	48.720	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	117081	45.677	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	126736	45.952	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	80152	49.283	ug/l #	87
56) Ethyl methacrylate	9.128	69	125699	63.312	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	137785	49.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	320353	274.793	ug/l	93
59) 2-Hexanone	9.451	43	581059	230.519	ug/l	98
60) Dibromochloromethane	9.524	129	71571	43.514	ug/l	98
61) 1,2-Dibromoethane	9.610	107	83875	48.310	ug/l	98
64) Tetrachloroethene	9.274	164	59064	48.615	ug/l	97
65) Chlorobenzene	10.079	112	193413	47.661	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	65735	45.859	ug/l	96
67) Ethyl Benzene	10.195	91	381124	50.454	ug/l	98
68) m/p-Xylenes	10.305	106	268078	98.980	ug/l	94
69) o-Xylene	10.646	106	130033	49.656	ug/l	93
70) Styrene	10.658	104	193110	50.443	ug/l	96
71) Bromoform	10.805	173	45874	43.055	ug/l #	100
73) Isopropylbenzene	10.963	105	399358	56.042	ug/l	99
74) N-amyl acetate	10.847	43	224862	62.367	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	11.219	83	142569	53.780	ug/l	95
76) 1,2,3-Trichloropropane	11.243	75	114592m	47.955	ug/l	
77) Bromobenzene	11.201	156	75561	47.950	ug/l	89
78) n-propylbenzene	11.304	91	756898	86.207	ug/l	97
79) 2-Chlorotoluene	11.365	91	257932	48.567	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	318547	52.473	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	36315	42.872	ug/l	92
82) 4-Chlorotoluene	11.457	91	299581	48.027	ug/l	97
83) tert-Butylbenzene	11.719	119	288438	49.925	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	353278	56.747	ug/l	98
85) sec-Butylbenzene	11.890	105	430284	58.528	ug/l	95
86) p-Isopropyltoluene	12.012	119	336180	54.487	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	145670	47.053	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	148021	45.920	ug/l	97
89) n-Butylbenzene	12.335	91	569300	93.863	ug/l #	84
90) Hexachloroethane	12.536	117	72750	65.275	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	143294	48.375	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	45580	65.278	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	104264	53.754	ug/l	90
94) Hexachlorobutadiene	13.725	225	45595	62.377	ug/l	99
95) Naphthalene	13.774	128	1313063	194.387	ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	100344	53.589	ug/l	91

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

