

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017097.D
 Acq On : 24 Jan 2024 18:16
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012424

Quant Time: Jan 25 04:46:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	135384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	228760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	197435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	89116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	68868	52.210	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.420%			
35) Dibromofluoromethane	7.740	113	71023	51.441	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.880%			
50) Toluene-d8	10.197	98	269264	51.635	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.260%			
62) 4-Bromofluorobenzene	12.495	95	84761	52.763	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	49093	50.069	ug/l	96
3) Chloromethane	2.125	50	91089	53.685	ug/l	98
4) Vinyl Chloride	2.259	62	110093	57.086	ug/l	95
5) Bromomethane	2.668	94	79487	54.919	ug/l	92
6) Chloroethane	2.808	64	72392	56.887	ug/l	95
7) Trichlorofluoromethane	3.143	101	119347	53.861	ug/l	98
8) Diethyl Ether	3.546	74	39144	50.182	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.917	101	73641	48.630	ug/l	99
10) Methyl Iodide	4.106	142	76866	53.430	ug/l	98
11) Tert butyl alcohol	4.972	59	24422	252.842	ug/l	97
12) 1,1-Dichloroethene	3.893	96	69204	49.924	ug/l	98
13) Acrolein	3.747	56	37299	235.779	ug/l	98
14) Allyl chloride	4.497	41	109127	52.085	ug/l	99
15) Acrylonitrile	5.179	53	87215	257.622	ug/l	99
16) Acetone	3.966	43	87036	244.583	ug/l	98
17) Carbon Disulfide	4.216	76	206667	49.467	ug/l	99
18) Methyl Acetate	4.497	43	74487	55.047	ug/l	99
19) Methyl tert-butyl Ether	5.246	73	178702	52.829	ug/l	98
20) Methylene Chloride	4.740	84	91952	64.444	ug/l	97
21) trans-1,2-Dichloroethene	5.240	96	82290	51.323	ug/l	97
22) Diisopropyl ether	6.143	45	246929	53.392	ug/l	95
23) Vinyl Acetate	6.082	43	583979	260.310	ug/l	100
24) 1,1-Dichloroethane	6.039	63	143179	50.757	ug/l	99
25) 2-Butanone	7.002	43	120022	245.174	ug/l	95
26) 2,2-Dichloropropane	7.002	77	123225	51.145	ug/l	100
27) cis-1,2-Dichloroethene	7.008	96	93647	52.706	ug/l	99
28) Bromochloromethane	7.356	49	54298	48.350	ug/l	99
29) Tetrahydrofuran	7.368	42	71977	269.101	ug/l	99
30) Chloroform	7.527	83	148384	51.658	ug/l	98
31) Cyclohexane	7.801	56	127166	54.632	ug/l	98
32) 1,1,1-Trichloroethane	7.722	97	127361	51.708	ug/l	100
36) 1,1-Dichloropropene	7.935	75	115621	50.898	ug/l	99
37) Ethyl Acetate	7.088	43	49783	50.967	ug/l	100
38) Carbon Tetrachloride	7.923	117	110757	49.753	ug/l	98
39) Methylcyclohexane	9.203	83	139707	51.133	ug/l	96
40) Benzene	8.179	78	337706	51.190	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	25045	47.942	ug/l	87
42) 1,2-Dichloroethane	8.252	62	87489	51.153	ug/l	99
43) Isopropyl Acetate	8.289	43	95449	52.344	ug/l	99
44) Trichloroethene	8.959	130	86378	51.050	ug/l	95
45) 1,2-Dichloropropane	9.234	63	83144	51.348	ug/l	98
46) Dibromomethane	9.319	93	43619	50.723	ug/l	98
47) Bromodichloromethane	9.514	83	113291	51.785	ug/l	96
48) Methyl methacrylate	9.307	41	54477	53.807	ug/l	100
49) 1,4-Dioxane	9.313	88	9261	1094.986	ug/l	95
51) 4-Methyl-2-Pentanone	10.087	43	256761	264.702	ug/l	99
52) Toluene	10.258	92	208953	52.330	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	106600	53.339	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	127815	51.999	ug/l	99
55) 1,1,2-Trichloroethane	10.660	97	61099	50.836	ug/l	97
56) Ethyl methacrylate	10.526	69	58273	55.444	ug/l	98
57) 1,3-Dichloropropane	10.806	76	105528	51.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	197304	270.440	ug/l	99
59) 2-Hexanone	10.843	43	183220	247.587	ug/l	99
60) Dibromochloromethane	11.002	129	71655	51.316	ug/l	98
61) 1,2-Dibromoethane	11.105	107	56392	51.649	ug/l	99
64) Tetrachloroethene	10.739	164	69360	50.401	ug/l	97
65) Chlorobenzene	11.532	112	212537	50.799	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	78864	51.604	ug/l	99
67) Ethyl Benzene	11.605	91	402389	52.904	ug/l	99
68) m/p-Xylenes	11.715	106	301324	105.443	ug/l	100
69) o-Xylene	12.044	106	139638	53.793	ug/l	99
70) Styrene	12.056	104	204223	54.192	ug/l	99
71) Bromoform	12.221	173	39381	51.390	ug/l #	96
73) Isopropylbenzene	12.343	105	379380	51.785	ug/l	100
74) N-amyl acetate	12.154	43	77626	52.568	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	69213	49.545	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	50884m	47.041	ug/l	
77) Bromobenzene	12.623	156	80169	50.573	ug/l	99
78) n-propylbenzene	12.684	91	458613	52.047	ug/l	100
79) 2-Chlorotoluene	12.769	91	246106	50.897	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	304313	52.485	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.391	75	21097	50.493	ug/l	97
82) 4-Chlorotoluene	12.867	91	250212	49.928	ug/l	98
83) tert-Butylbenzene	13.086	119	256056	51.056	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	297092	51.554	ug/l	98
85) sec-Butylbenzene	13.263	105	382949	51.568	ug/l	99
86) p-Isopropyltoluene	13.379	119	324672	52.487	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	156216	49.914	ug/l	100
88) 1,4-Dichlorobenzene	13.458	146	151282	49.128	ug/l	99
89) n-Butylbenzene	13.708	91	313444	52.534	ug/l	100
90) Hexachloroethane	13.970	117	65076	50.474	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	134487	50.318	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8591	48.150	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	70031	50.141	ug/l	99
94) Hexachlorobutadiene	15.123	225	39993	47.577	ug/l	99
95) Naphthalene	15.251	128	129840	52.634	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	57662	49.623	ug/l	96

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

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