

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015122.D
 Acq On : 15 Aug 2023 23:20
 Operator : SY/MD
 Sample : VY0815SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBS02

Quant Time: Aug 16 01:36:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	196200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	327967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	122069	51.830	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.660%			
35) Dibromofluoromethane	7.722	113	108266	51.313	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.620%			
50) Toluene-d8	10.179	98	390421	49.708	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.483	95	139424	48.600	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	20316	21.292	ug/l	95
3) Chloromethane	2.113	50	25595	19.516	ug/l	98
4) Vinyl Chloride	2.247	62	31239	20.009	ug/l	93
5) Bromomethane	2.637	94	23780	19.641	ug/l	96
6) Chloroethane	2.784	64	23905	21.090	ug/l	100
7) Trichlorofluoromethane	3.119	101	52966	20.134	ug/l	92
8) Diethyl Ether	3.527	74	21053	20.406	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	31785	19.441	ug/l	98
10) Methyl Iodide	4.088	142	29085	18.117	ug/l	98
11) Tert butyl alcohol	4.984	59	32708	72.873	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	26413	19.347	ug/l	88
13) Acrolein	3.728	56	23283	130.006	ug/l	100
14) Allyl chloride	4.478	41	43356	17.912	ug/l	95
15) Acrylonitrile	5.167	53	69430	99.302	ug/l	99
16) Acetone	3.954	43	58399	75.901	ug/l	93
17) Carbon Disulfide	4.186	76	42362	17.631	ug/l	97
18) Methyl Acetate	4.478	43	55590	19.716	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	113581	19.566	ug/l	98
20) Methylene Chloride	4.710	84	50777	25.399	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	30599	19.870	ug/l	99
22) Diisopropyl ether	6.118	45	112755	18.669	ug/l	93
23) Vinyl Acetate	6.057	43	324987	90.176	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	64733	19.797	ug/l	95
25) 2-Butanone	6.990	43	95988	88.111	ug/l	94
26) 2,2-Dichloropropane	6.984	77	48583	15.412	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	41562	19.757	ug/l	91
28) Bromochloromethane	7.338	49	31582	21.022	ug/l	93
29) Tetrahydrofuran	7.350	42	62310	95.656	ug/l	91
30) Chloroform	7.508	83	72907	19.889	ug/l	94
31) Cyclohexane	7.789	56	42080	18.389	ug/l #	83
32) 1,1,1-Trichloroethane	7.703	97	60769	19.482	ug/l	98
36) 1,1-Dichloropropene	7.917	75	43356	18.574	ug/l	98
37) Ethyl Acetate	7.075	43	41603	19.121	ug/l	96
38) Carbon Tetrachloride	7.905	117	52099	18.859	ug/l	97
39) Methylcyclohexane	9.185	83	47592	18.187	ug/l	92
40) Benzene	8.161	78	134368	19.040	ug/l	99

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41) Methacrylonitrile	7.313	41	22261	19.841	ug/l #	87
42) 1,2-Dichloroethane	8.240	62	49983	19.502	ug/l	95
43) Isopropyl Acetate	8.276	43	73358	18.514	ug/l	97
44) Trichloroethene	8.941	130	40227	19.785	ug/l	99
45) 1,2-Dichloropropane	9.221	63	37734	18.961	ug/l	98
46) Dibromomethane	9.307	93	25565	20.368	ug/l	94
47) Bromodichloromethane	9.502	83	58264	19.453	ug/l	99
48) Methyl methacrylate	9.295	41	32157	18.972	ug/l	91
49) 1,4-Dioxane	9.307	88	8699	346.597	ug/l #	47
51) 4-Methyl-2-Pentanone	10.075	43	220970	96.226	ug/l	94
52) Toluene	10.246	92	88970	19.127	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	55998	17.791	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	60578	18.274	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	37515	19.657	ug/l	98
56) Ethyl methacrylate	10.514	69	52517	18.803	ug/l	92
57) 1,3-Dichloropropane	10.794	76	60759	19.487	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	121432	93.424	ug/l	92
59) 2-Hexanone	10.831	43	158841	93.460	ug/l	92
60) Dibromochloromethane	10.983	129	44952	19.746	ug/l	100
61) 1,2-Dibromoethane	11.087	107	35721	19.703	ug/l	98
64) Tetrachloroethene	10.721	164	44823	21.734	ug/l	98
65) Chlorobenzene	11.520	112	106862	19.813	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	43134	19.710	ug/l	100
67) Ethyl Benzene	11.593	91	179130	18.956	ug/l	99
68) m/p-Xylenes	11.703	106	137806	38.396	ug/l	95
69) o-Xylene	12.032	106	68609	19.189	ug/l	98
70) Styrene	12.044	104	119454	19.304	ug/l	97
71) Bromoform	12.209	173	30990	19.534	ug/l #	96
73) Isopropylbenzene	12.331	105	186037	19.173	ug/l	99
74) N-amyl acetate	12.148	43	63738	18.194	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	47696	18.874	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	32771m	17.876	ug/l	
77) Bromobenzene	12.611	156	46808	19.791	ug/l	99
78) n-propylbenzene	12.672	91	219999	19.093	ug/l	99
79) 2-Chlorotoluene	12.757	91	126600	19.046	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	157528	19.476	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	13552	16.237	ug/l	97
82) 4-Chlorotoluene	12.855	91	134350	19.564	ug/l	100
83) tert-Butylbenzene	13.074	119	142502	19.262	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	154938	19.170	ug/l	98
85) sec-Butylbenzene	13.251	105	206799	19.078	ug/l	99
86) p-Isopropyltoluene	13.367	119	172682	19.214	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	92153	19.644	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	93120	19.791	ug/l	98
89) n-Butylbenzene	13.696	91	158615	18.719	ug/l	97
90) Hexachloroethane	13.964	117	34077	19.113	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	86100	19.647	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9690	19.794	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	54841	19.492	ug/l	98
94) Hexachlorobutadiene	15.111	225	29919	19.550	ug/l	97
95) Naphthalene	15.233	128	138252	19.726	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50981	20.064	ug/l	99

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

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