

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012120\
 Data File : VY001324.D
 Acq On : 21 Jan 2020 16:08
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 10:49:48 AM

Quant Time: Jan 21 16:43:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 16:22:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	192676	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	344020	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	309807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	145260	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	202848	99.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.36%	
35) Dibromofluoromethane	7.76	113	185954	92.20	ug/l	0.01
Spiked Amount	50.000		Recovery	=	184.40%	
50) Toluene-d8	10.20	98	761024	98.05	ug/l	0.01
Spiked Amount	50.000		Recovery	=	196.10%	
62) 4-Bromofluorobenzene	12.49	95	291687	92.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	137546	92.133	ug/l	99
3) Chloromethane	2.13	50	205715	94.880	ug/l	99
4) Vinyl Chloride	2.27	62	218619	99.896	ug/l	97
5) Bromomethane	2.66	94	143339	118.276	ug/l	99
6) Chloroethane	2.82	64	141543	109.857	ug/l	98
7) Trichlorofluoromethane	3.15	101	280020	92.738	ug/l	98
8) Diethyl Ether	3.56	74	121526	102.851	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	179366	92.570	ug/l	99
10) Methyl Iodide	4.13	142	255804	96.389	ug/l	99
11) Tert butyl alcohol	5.01	59	119277	551.080	ug/l	99
12) 1,1-Dichloroethene	3.91	96	187226	94.283	ug/l	96
13) Acrolein	3.77	56	73692	412.297	ug/l	99
14) Allyl chloride	4.52	41	342748	101.345	ug/l	100
15) Acrylonitrile	5.22	53	325429	545.429	ug/l	99
16) Acetone	3.99	43	257627	521.131	ug/l	99
17) Carbon Disulfide	4.23	76	588003	92.211	ug/l	100
18) Methyl Acetate	4.52	43	168494	105.565	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	576856	104.158	ug/l	99
20) Methylene Chloride	4.77	84	229660	85.325	ug/l	97
21) trans-1,2-Dichloroethene	5.27	96	218389	96.841	ug/l	98
22) Diisopropyl ether	6.17	45	754706	108.821	ug/l	95
23) Vinyl Acetate	6.11	43	2522171	566.590	ug/l	99
24) 1,1-Dichloroethane	6.07	63	385712	102.032	ug/l	98
25) 2-Butanone	7.03	43	445066	582.141	ug/l	99
26) 2,2-Dichloropropane	7.03	77	328499	95.097	ug/l	100
27) cis-1,2-Dichloroethene	7.03	96	249119	100.493	ug/l	99
28) Bromochloromethane	7.38	49	186743	121.187	ug/l	99
29) Tetrahydrofuran	7.39	42	300851	579.842	ug/l	99
30) Chloroform	7.55	83	378659	102.679	ug/l	99
31) Cyclohexane	7.82	56	360825	91.244	ug/l	99
32) 1,1,1-Trichloroethane	7.74	97	317340	97.424	ug/l	100
36) 1,1-Dichloropropene	7.96	75	298946	94.962	ug/l	99
37) Ethyl Acetate	7.12	43	193483	103.481	ug/l	100
38) Carbon Tetrachloride	7.94	117	269875	93.815	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	380767	89.840	ug/l	99
40) Benzene	8.19	78	914734	98.973	ug/l	99
41) Methacrylonitrile	7.36	41	105239m	119.389	ug/l	
42) 1,2-Dichloroethane	8.27	62	260989	100.905	ug/l	99
43) Isopropyl Acetate	8.31	43	382463	106.606	ug/l	100
44) Trichloroethene	8.97	130	229811	96.146	ug/l	98
45) 1,2-Dichloropropane	9.24	63	234068	101.833	ug/l	99
46) Dibromomethane	9.33	93	125566	100.762	ug/l	98
47) Bromodichloromethane	9.52	83	304097	100.376	ug/l	100
48) Methyl methacrylate	9.32	41	175497	106.421	ug/l	99
49) 1,4-Dioxane	9.33	88	38273	2487.006	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	997479	547.672	ug/l	100
52) Toluene	10.27	92	578384	98.386	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	343648	101.298	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	388329	101.408	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	188367	101.633	ug/l	98
56) Ethyl methacrylate	10.53	69	298822	105.687	ug/l	99
57) 1,3-Dichloropropane	10.81	76	330159	103.803	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	470541	478.793	ug/l	99
59) 2-Hexanone	10.85	43	707814	554.226	ug/l	100
60) Dibromochloromethane	11.00	129	213095	100.724	ug/l	99
61) 1,2-Dibromoethane	11.10	107	180750	100.393	ug/l	100
64) Tetrachloroethene	10.74	164	177450	89.606	ug/l	98
65) Chlorobenzene	11.53	112	602821	96.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	209938	97.933	ug/l	99
67) Ethyl Benzene	11.60	91	1100057	96.504	ug/l	99
68) m/p-Xylenes	11.71	106	827445	193.008	ug/l	99
69) o-Xylene	12.04	106	401037	97.283	ug/l	99
70) Styrene	12.05	104	720062	99.667	ug/l	100
71) Bromoform	12.22	173	131570	100.260	ug/l #	99
73) Isopropylbenzene	12.34	105	1078037	98.104	ug/l	100
74) N-amyl acetate	12.15	43	380824	110.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	244052	104.726	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	182827m	113.834	ug/l	
77) Bromobenzene	12.61	156	237205	97.647	ug/l	96
78) n-propylbenzene	12.68	91	1291139	97.601	ug/l	100
79) 2-Chlorotoluene	12.77	91	745766	98.356	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	896031	97.902	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	94302	102.671	ug/l	98
82) 4-Chlorotoluene	12.86	91	801235	99.055	ug/l	99
83) tert-Butylbenzene	13.08	119	757450	98.127	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	894121	98.234	ug/l	100
85) sec-Butylbenzene	13.26	105	1069108	96.337	ug/l	100
86) p-Isopropyltoluene	13.38	119	928793	96.521	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	445092	96.494	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	458713	96.967	ug/l	99
89) n-Butylbenzene	13.70	91	949096	98.067	ug/l	99
90) Hexachloroethane	13.96	117	180871	96.395	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	421139	98.371	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	40586	97.858	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	273747	97.325	ug/l	99
94) Hexachlorobutadiene	15.11	225	127708	90.558	ug/l	97
95) Naphthalene	15.24	128	662478	101.228	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	246891	99.348	ug/l	100

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

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