

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091922\
 Data File : VV027929.D
 Acq On : 19 Sep 2022 16:03
 Operator : SY/MD
 Sample : VSTD0.540
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5240

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/20/2022
 Supervised By :Mahesh Dadoda 09/20/2022

Quant Time: Sep 20 01:25:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:24:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	96770	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	96840	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	3931	0.590	ug/L	0.00
7) Chloroethane-d5	1.561	69	3712	0.656	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	6781	0.513	ug/L	0.00
20) 2-Butanone-d5	3.931	46	4214m	3.063	ug/L	0.05
24) Chloroform-d	4.349	84	5971	0.459	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	2299	0.344	ug/L	0.00
32) Benzene-d6	5.047	84	9800	0.365	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	3455	0.444	ug/L	0.01
41) Toluene-d8	7.317	98	8261	0.365	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	989	0.368	ug/L	0.02
46) 2-Hexanone-d5	8.095	63	2848	2.692	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	3198	0.598	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	4220	0.438	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	3600	0.395	ug/L	99
3) Chloromethane	1.237	50	5353	0.634	ug/L	97
5) Vinyl chloride	1.307	62	4818	0.563	ug/L	94
6) Bromomethane	1.519	94	3296	0.668	ug/L	96
8) Chloroethane	1.581	64	3234	0.640	ug/L	97
9) Trichlorofluoromethane	1.748	101	7127	0.518	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	4451	0.634	ug/L	97
12) 1,1-Dichloroethene	2.114	96	3845	0.591	ug/L	78
13) Acetone	2.188	43	6884	6.782	ug/L	88
14) Carbon disulfide	2.288	76	7643	0.422	ug/L #	93
15) Methyl Acetate	2.445	43	917	0.351	ug/L #	53
16) Methylene chloride	2.500	84	4105	0.486	ug/L #	85
17) Methyl tert-butyl Ether	2.764	73	5588	0.381	ug/L #	90
18) trans-1,2-Dichloroethene	2.754	96	3338	0.495	ug/L	95
19) 1,1-Dichloroethane	3.182	63	5963	0.470	ug/L	96
21) 2-Butanone	4.005	43	4602m	3.225	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	3373	0.460	ug/L	93
23) Bromochloromethane	4.256	128	1578m	0.503	ug/L	
25) Chloroform	4.362	83	7231	0.523	ug/L	84
27) 1,2-Dichloroethane	5.130	62	2963	0.368	ug/L	95
29) 1,1,1-Trichloroethane	4.596	97	5299	0.385	ug/L #	72
30) Cyclohexane	4.667	56	3464	0.312	ug/L	97
31) Carbon tetrachloride	4.815	117	4719	0.401	ug/L	97
33) Benzene	5.098	78	12535	0.412	ug/L	100
34) Trichloroethene	5.912	95	3227	0.429	ug/L	88
35) Methylcyclohexane	6.124	83	3955	0.347	ug/L #	88
37) 1,2-Dichloropropane	6.178	63	3328	0.458	ug/L #	93
38) Bromodichloromethane	6.510	83	4580	0.477	ug/L #	97
39) cis-1,3-Dichloropropene	7.034	75	3702	0.393	ug/L #	80
40) 4-Methyl-2-pentanone	7.230	43	11234	3.381	ug/L #	89
42) Toluene	7.387	91	11922	0.399	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	3071	0.390	ug/L	98

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45) 1,1,2-Trichloroethane	7.838	97	2424	0.497	ug/L	90
47) Tetrachloroethene	7.973	164	2668	0.427	ug/L	89
49) Dibromochloromethane	8.243	129	2989	0.484	ug/L	90
50) 1,2-Dibromoethane	8.358	107	2268	0.512	ug/L #	92
51) Chlorobenzene	8.879	112	9524	0.484	ug/L	95
52) Ethylbenzene	9.011	91	12108	0.387	ug/L	98
53) m,p-Xylene	9.140	106	4337	0.353	ug/L	99
54) o-Xylene	9.542	106	4872	0.414	ug/L	68
55) Styrene	9.564	104	8006	0.392	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.239	83	3357	0.600	ug/L	90
59) Bromoform	9.728	173	2020	0.560	ug/L #	96
60) Isopropylbenzene	9.931	105	14176	0.395	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	2105	0.454	ug/L #	78
62) 1,3,5-Trimethylbenzene	10.535	105	4114	0.409	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	11047	0.382	ug/L	95
64) 1,3-Dichlorobenzene	11.181	146	8309	0.448	ug/L	92
65) 1,4-Dichlorobenzene	11.271	146	9349	0.500	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.429	75	643	0.639	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.644	180	7071	0.494	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	5109	0.445	ug/L	88
71) Naphthalene	13.506	128	7031	0.385	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.741	180	4815	0.469	ug/L	99

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

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