Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111924\
Data File : VU061855.D
Acq On : 19 Nov 2024 15:46
Operator : MD/SY
Sample : VSTD0.547
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 00:29:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 20 00:25:49 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5047

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.242	114	184618	5.000	ug/L		0.00
28) Chlorobenzene-d5	9.409	117	247443	5.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79639	5.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.596	65	4294	0.386	ug/L		0.00
7) Chloroethane-d5	1.911	69	3863	0.392	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.563	65	1812	0.364	ug/L		0.00
20) 2-Butanone-d5	4.657	46	11060m	4.419	ug/L		0.03
24) Chloroform-d	5.055	84	9912	0.428	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.698	65	4951	0.449	ug/L		0.00
32) Benzene-d6	5.721	84	17586	0.279	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.685	67	6043	0.309	ug/L		0.00
41) Toluene-d8	7.894	98	18984	0.318	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.177	79	2526	0.349	ug/L		0.00
46) 2-Hexanone-d5	8.634	63	9704m	3.457	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	5541	0.367	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	7814	0.563	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.383	85	6613	0.484	ug/L		99
3) Chloromethane	1.515	50	6351	0.515	ug/L		96
5) Vinyl chloride	1.602	62	6777	0.489	ug/L	#	79
6) Bromomethane	1.853	94	4572	0.545	ug/L		95
8) Chloroethane	1.930	64	5603	0.572	ug/L		98
9) Trichlorofluoromethane	2.132	101	9490	0.469	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	5780	0.483	ug/L		96
12) 1,1-Dichloroethene	2.576	96	5354	0.479	ug/L		94
13) Acetone	2.647	43	7637	4.833	ug/L		95
14) Carbon disulfide	2.788	76	16985	0.476	ug/L		100
15) Methyl Acetate	2.968	43	1562	0.387	ug/L	#	85
16) Methylene chloride	3.039	84	6697	0.520	ug/L		95
17) Methyl tert-butyl Ether	3.361	73	12014	0.443	ug/L		98
18) trans-1,2-Dichloroethene	3.354	96	6337	0.521	ug/L		81
19) 1,1-Dichloroethane	3.862	63	11323	0.508	ug/L	#	89
21) 2-Butanone	4.734	43	12317m	4.717	ug/L		
22) cis-1,2-Dichloroethene	4.663	96	6632	0.479	ug/L		92
23) Bromochloromethane	4.972	128	3019	0.488	ug/L		93
25) Chloroform	5.084	83	11931	0.506	ug/L		100
27) 1,2-Dichloroethane	5.795	62	7096	0.482	ug/L		96
29) 1,1,1-Trichloroethane	5.306	97	9179	0.340	ug/L		97
30) Cyclohexane	5.380	56	8504	0.317	ug/L		93
31) Carbon tetrachloride	5.515	117	7292	0.317	ug/L		100
33) Benzene	5.772	78	24690	0.344	ug/L		100
34) Trichloroethene	6.537	95	7206	0.354	ug/L		98
35) Methylcyclohexane	6.756	83	9743	0.317	ug/L		97
37) 1,2-Dichloropropane	6.785	63	6460	0.337	ug/L	#	89
38) Bromodichloromethane	7.097	83	9564	0.422	ug/L	#	99
39) cis-1,3-Dichloropropene	7.605	75	10092	0.376	ug/L		99
40) 4-Methyl-2-pentanone	7.788	43	39034m	4.311	ug/L		
42) Toluene	7.965	91	34668	0.421	ug/L		97
44) trans-1,3-Dichloropropene	8.209	75	8812	0.414	ug/L		96

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 20 00:25:49 2024
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	6011	0.423 ug/L	94
47) Tetrachloroethene	8.547	164	6674	0.434 ug/L	95
48) 2-Hexanone	8.685	43	30167	4.662 ug/L	95
49) Dibromochloromethane	8.804	129	6082	0.420 ug/L	96
50) 1,2-Dibromoethane	8.920	107	5488	0.414 ug/L	93
51) Chlorobenzene	9.441	112	25308	0.486 ug/L	98
52) Ethylbenzene	9.566	91	39059	0.454 ug/L	99
53) m,p-Xylene	9.692	106	14456	0.440 ug/L	90
54) o-Xylene	10.097	106	12199	0.397 ug/L	99
55) Styrene	10.110	104	18121m	0.372 ug/L	
57) 1,1,2,2-Tetrachloroethane	10.775	83	5570	0.346 ug/L	99
59) Bromoform	10.287	173	2789	0.530 ug/L #	91
60) Isopropylbenzene	10.479	105	30308	0.547 ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	3773	0.502 ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	19135	0.432 ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	18456	0.428 ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	12852	0.504 ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	13856	0.536 ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	12291	0.518 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	625	0.476 ug/L #	77
69) 1,3,5-Trichlorobenzene	13.216	180	9098	0.510 ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	8020	0.578 ug/L	95
71) Naphthalene	14.090	128	16282	0.815 ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	7801	0.671 ug/L	96

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

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