Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049458.D
Acq On : 27 Jan 2025 21:18
Operator : RC/JU
Sample : PB166251BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS251

Quant Time: Jan 28 01:29:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	144355	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	554528	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	383480	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	811079	20.000	ng/ul	-0.01
79) Chrysene-d12	21.139	240	774804	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	758984	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	25056	7.182	ng/uL	0.00
4) Pyridine-d5	3.516	84	373035	33.586	ng/ul	0.00
7) Phenol-d5	6.710	99	425156	35.085	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	262896	32.581	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.057	132	328137	35.398	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	314750	33.495	ng/ul	-0.01
21) Nitrobenzene-d5	8.657	128	139631	33.020	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.369	143	156454	33.096	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.910	165	348062	36.083	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	361725	28.498	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	955961	33.493	ng/ul	-0.01
49) Acenaphthylene-d8	13.839	160	1095652	33.626	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.380	143	150555	31.854	ng/ul	-0.01
60) Fluorene-d10	15.157	176	848847	34.427	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	156351	30.247	ng/ul	0.00
73) Anthracene-d10	17.004	188	1338937	33.394	ng/ul	-0.01
81) Pyrene-d10	19.309	212	1522684	32.292	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.733	264	1378758	33.840	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	49598	12.976	ng/uL	96
5) Pyridine	3.534	79	381199	33.952	ng/ul	98
6) Benzaldehyde	6.675	77	22441	3.435	ng/ul	93
8) Phenol	6.740	94	446334	35.426	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.957	93	325057	31.683	ng/ul	99
12) 2-Chlorophenol	7.087	128	339001	35.182	ng/ul	96
13) 2-Methylphenol	7.963	108	307073	33.359	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.034	45	521572	33.920	ng/ul	99
16) Acetophenone	8.328	105	480611	31.316	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.322	70	271691	32.775	ng/ul	96
18) 4-Methylphenol	8.292	108	336409	33.357	ng/ul	98
19) Hexachloroethane	8.575	117	131604	31.787	ng/ul	98
22) Nitrobenzene	8.698	77	366200	33.427	ng/ul	100
23) Isophorone	9.228	82	700289	32.899	ng/ul	100
25) 2-Nitrophenol	9.404	139	169467	32.618	ng/ul	98
26) 2,4-Dimethylphenol	9.475	107	331824	34.126	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.710	93	426297	32.584	ng/ul	98
29) 2,4-Dichlorophenol	9.933	162	343637	35.756	ng/ul	98
30) Naphthalene	10.322	128	947157	32.184	ng/ul	99
32) 4-Chloroaniline	10.445	127	192108	15.871	ng/ul	99
33) Hexachlorobutadiene	10.616	225	225009	32.791	ng/ul	98
34) Caprolactam	11.216	113	87674m	30.644	ng/ul	
35) 4-Chloro-3-methylphenol	11.580	107	313778	34.919	ng/ul	99
36) 2-Methylnaphthalene	11.945	142	673606	31.987	ng/ul	100

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37) 1-Methylnaphthalene	12.169	142	679217	32.416	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.322	216	430380	32.423	ng/ul	99
40) Hexachlorocyclopentadiene	12.304	237	200127	25.129	ng/ul	99
41) 2,4,6-Trichlorophenol	12.574	196	283909	34.769	ng/ul	97
42) 2,4,5-Trichlorophenol	12.645	196	307451	35.130	ng/ul	99
43) 1,1'-Biphenyl	12.980	154	912504	32.500	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	741023	33.002	ng/ul	99
45) 2-Nitroaniline	13.233	65	210494	35.528	ng/ul	99
47) Dimethylphthalate	13.621	163	942529	33.382	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	182341	34.616	ng/ul	99
50) Acenaphthylene	13.869	152	1111027	33.260	ng/ul	100
51) 3-Nitroaniline	14.069	138	161650	31.278	ng/ul	95
52) Acenaphthene	14.216	153	788230	33.027	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	91900	27.857	ng/ul	96
55) 4-Nitrophenol	14.398	109	112773	32.356	ng/ul	99
56) Dibenzofuran	14.557	168	1149918	33.929	ng/ul	100
57) 2,4-Dinitrotoluene	14.533	165	272507	34.862	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.792	232	253531	34.293	ng/ul	98
59) Diethylphthalate	15.004	149	924665	33.604	ng/ul	99
61) Fluorene	15.210	166	968884	34.989	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.215	204	513708	34.040	ng/ul	97
63) 4-Nitroaniline	15.239	138	187588	40.341	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.298	198	173369	30.760	ng/ul	95
67) N-Nitrosodiphenylamine	15.427	169	782407	32.512	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	302023	32.748	ng/ul	96
69) Hexachlorobenzene	16.215	284	347767	32.422	ng/ul	98
70) Atrazine	16.392	200	285847	29.053	ng/ul	98
71) Pentachlorophenol	16.562	266	207958	29.265	ng/ul	99
72) Phenanthrene	16.951	178	1490799	33.062	ng/ul	99
74) Anthracene	17.039	178	1511894	33.405	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.939	216	424475	31.314	ng/uL	98
76) Pentachlorobenzene	14.474	250	413200	30.539	ng/uL	100
77) Carbazole	17.315	167	1324413	32.982	ng/ul	100
78) Di-n-butylphthalate	17.898	149	1589108	32.298	ng/ul	100
80) Fluoranthene	18.974	202	1747984	32.260	ng/ul	99
82) Pyrene	19.339	202	1867719	32.382	ng/ul	98
83) Butylbenzylphthalate	20.268	149	640951	31.389	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.062	252	454612	31.333	ng/ul	99
85) Benzo(a)anthracene	21.121	228	1786921	33.094	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	965114	31.780	ng/ul	100
87) Chrysene	21.180	228	1665191	33.781	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	1514231	27.386	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	1642088	32.324	ng/ul	100
91) Benzo(k)fluoranthene	23.103	252	1663466	32.841	ng/ul	100
93) Benzo(a)pyrene	23.791	252	1548264	33.741	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.997	276	1964830	37.328	ng/ul	99
95) Dibenzo(a,h)anthracene	27.056	278	1600343	37.328	ng/ul	99
96) Benzo(g,h,i)perylene	27.962	276	1496335	38.081	ng/ul	100

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

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