Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049375.D
Acq On : 21 Jan 2025 21:37
Operator : RC/JU
Sample : PB166156BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS156

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/24/2025

Quant Time: Jan 22 02:11:52 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	267141	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	1054597	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.163	164	697262	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1316547	20.000	ng/ul	0.00
79) Chrysene-d12	21.145	240	1139356	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	984052	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	32772	5.076	ng/uL	0.00
4) Pyridine-d5	3.516	84	551592	26.836	ng/ul	0.00
7) Phenol-d5	6.716	99	645883	28.802	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	396733	26.569	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	505288	29.455	ng/ul	0.00
15) 4-Methylphenol-d8	8.240	113	482756	27.761	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	212780	26.459	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	236145	26.267	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	532507	29.027	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	551461	22.845	ng/ul	0.00
46) Dimethylphthalate-d6	13.586	166	1424204	27.443	ng/ul	0.00
49) Acenaphthylene-d8	13.851	160	1652568	27.894	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	204585	23.806	ng/ul	0.00
60) Fluorene-d10	15.163	176	1233682	27.518	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	211897	25.255	ng/ul	0.00
73) Anthracene-d10	17.010	188	1828403	28.094	ng/ul	0.00
81) Pyrene-d10	19.315	212	1902322	27.435	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1523847	28.847	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	68670	9.708	ng/uL	96
5) Pyridine	3.540	79	563602	27.125	ng/ul	97
6) Benzaldehyde	6.681	77	38828	3.212	ng/ul	99
8) Phenol	6.746	94	672012	28.823	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.963	93	495437	26.094	ng/ul	97
12) 2-Chlorophenol	7.098	128	519423	29.130	ng/ul	100
13) 2-Methylphenol	7.975	108	469482	27.560	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.045	45	787117	27.662	ng/ul	100
16) Acetophenone	8.340	105	751061	26.445	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.334	70	420438	27.407	ng/ul	99
18) 4-Methylphenol	8.298	108	518296	27.771	ng/ul	97
19) Hexachloroethane	8.581	117	202251	26.398	ng/ul	98
22) Nitrobenzene	8.710	77	568923	27.307	ng/ul	99
23) Isophorone	9.234	82	1060509	26.197	ng/ul	99
25) 2-Nitrophenol	9.410	139	261922	26.508	ng/ul	97
26) 2,4-Dimethylphenol	9.487	107	527309	28.515	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.716	93	668124	26.853	ng/ul	99
29) 2,4-Dichlorophenol	9.939	162	525365	28.744	ng/ul	99
30) Naphthalene	10.334	128	1495693	26.724	ng/ul	99
32) 4-Chloroaniline	10.451	127	312393	13.571	ng/ul	100
33) Hexachlorobutadiene	10.622	225	352072	26.978	ng/ul	99
34) Caprolactam	11.228	113	121723m	22.371	ng/ul	
35) 4-Chloro-3-methylphenol	11.586	107	473648	27.716	ng/ul	100
36) 2-Methylnaphthalene	11.951	142	1069540	26.705	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.175	142	1070380	26.861	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.328	216	667041	27.638	ng/ul	98
40) Hexachlorocyclopentadiene	12.310	237	347495	23.998	ng/ul	99
41) 2,4,6-Trichlorophenol	12.580	196	419720	28.269	ng/ul	98
42) 2,4,5-Trichlorophenol	12.651	196	449733	28.262	ng/ul	100
43) 1,1'-Biphenyl	12.986	154	1430001	28.011	ng/ul	98
44) 2-Chloronaphthalene	13.022	162	1145008	28.046	ng/ul	100
45) 2-Nitroaniline	13.239	65	310024	28.778	ng/ul	99
47) Dimethylphthalate	13.633	163	1406437	27.396	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	264041	27.568	ng/ul	95
50) Acenaphthylene	13.880	152	1674784	27.575	ng/ul	100
51) 3-Nitroaniline	14.074	138	224944	23.937	ng/ul	99
52) Acenaphthene	14.227	153	1205342	27.776	ng/ul	99
53) 2,4-Dinitrophenol	14.286	184	124170	20.701	ng/ul	99
55) 4-Nitrophenol	14.398	109	154109	24.318	ng/ul	99
56) Dibenzofuran	14.563	168	1698177	27.557	ng/ul	98
57) 2,4-Dinitrotoluene	14.539	165	388253	27.317	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.798	232	358986	26.706	ng/ul	96
59) Diethylphthalate	15.010	149	1369247	27.367	ng/ul	98
61) Fluorene	15.216	166	1415357	28.111	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.221	204	760620	27.720	ng/ul	97
63) 4-Nitroaniline	15.245	138	222040	26.262	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.304	198	232542	25.418	ng/ul	96
67) N-Nitrosodiphenylamine	15.433	169	1139962	29.183	ng/ul	99
68) 4-Bromophenyl-phenylether	16.116	248	423031	28.258	ng/ul	96
69) Hexachlorobenzene	16.221	284	471943	27.106	ng/ul	97
70) Atrazine	16.398	200	386343	24.191	ng/ul	99
71) Pentachlorophenol	16.568	266	277224	24.034	ng/ul	97
72) Phenanthrene	16.951	178	2047846	27.979	ng/ul	100
74) Anthracene	17.045	178	2057618	28.008	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.945	216	632904	28.764	ng/uL	100
76) Pentachlorobenzene	14.480	250	599300	27.288	ng/uL	99
77) Carbazole	17.321	167	1689569	25.921	ng/ul	99
78) Di-n-butylphthalate	17.904	149	2118150	26.522	ng/ul	99
80) Fluoranthene	18.980	202	2194622	27.544	ng/ul	99
82) Pyrene	19.345	202	2352441	27.736	ng/ul	98
83) Butylbenzylphthalate	20.274	149	791170	26.348	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.062	252	518699	24.312	ng/ul	100
85) Benzo(a)anthracene	21.127	228	2207807	27.806	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.080	149	1251163	28.017	ng/ul	100
87) Chrysene	21.186	228	2041089	28.158	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	1839766	25.664	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	1912587	29.038	ng/ul	99
91) Benzo(k)fluoranthene	23.109	252	1943337	29.591	ng/ul	100
93) Benzo(a)pyrene	23.791	252	1695974	28.507	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.009	276	1913826	28.043	ng/ul	99
95) Dibenzo(a,h)anthracene	27.056	278	1579700	28.419	ng/ul	98
96) Benzo(g,h,i)perylene	27.962	276	1447769	28.418	ng/ul	99

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

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