Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023747.D
Acq On : 27 Jan 2025 19:14
Operator : RC/JU
Sample : PB166242BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS242

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

Quant Time: Jan 27 23:25:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 27 21:53:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	503627	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	2077253	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	1427614	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	3018362	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	3126501	20.000	ng/ul	-0.01
88) Perylene-d12	25.068	264	3365543	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	69987	5.597	ng/uL	0.00
4) Pyridine-d5	3.717	84	1038597	28.784	ng/ul	0.01
7) Phenol-d5	6.975	99	1463699	34.347	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.122	67	685099	28.462	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	1160301	35.815	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	1166681	34.816	ng/ul	0.02
21) Nitrobenzene-d5	8.934	128	513304	32.798	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	554572	38.650	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	1159659	38.451	ng/ul	0.02
31) 4-Chloroaniline-d4	10.704	131	1283924	26.619	ng/ul	0.01
46) Dimethylphthalate-d6	13.828	166	3321880	32.355	ng/ul	0.01
49) Acenaphthylene-d8	14.110	160	3748881	31.549	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	665787	32.273	ng/ul	0.05
60) Fluorene-d10	15.428	176	2814885	32.029	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	519976	34.982	ng/ul	0.01
73) Anthracene-d10	17.322	188	4570054	31.537	ng/ul	0.00
81) Pyrene-d10	19.686	212	5159219	32.429	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.827	264	5550534	32.949	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	142387	10.764	ng/uL	99
5) Pyridine	3.734	79	1051530	28.826	ng/ul	97
6) Benzaldehyde	6.940	77	71679	3.347	ng/ul	97
8) Phenol	7.005	94	1518256	34.048	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.216	93	1007862	29.053	ng/ul	99
12) 2-Chlorophenol	7.369	128	1206924	35.142	ng/ul	98
13) 2-Methylphenol	8.240	108	1113435	34.409	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.305	45	1036252	28.800	ng/ul	100
16) Acetophenone	8.604	105	1576786	29.299	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.587	70	771208	30.974	ng/ul	99
18) 4-Methylphenol	8.563	108	1264743	35.153	ng/ul	96
19) Hexachloroethane	8.869	117	412501	29.388	ng/ul	95
22) Nitrobenzene	8.981	77	1120235	30.636	ng/ul	95
23) Isophorone	9.504	82	2233386	32.113	ng/ul	98
25) 2-Nitrophenol	9.687	139	615283	36.525	ng/ul	93
26) 2,4-Dimethylphenol	9.757	107	1250545	35.817	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.981	93	1356045	30.090	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	1162496	37.284	ng/ul	99
30) Naphthalene	10.622	128	3395902	30.378	ng/ul	99
32) 4-Chloroaniline	10.728	127	717941	15.592	ng/ul	99
33) Hexachlorobutadiene	10.916	225	595365	30.334	ng/ul	99
34) Caprolactam	11.516	113	390436m	34.136	ng/ul	
35) 4-Chloro-3-methylphenol	11.869	107	1249286	38.679	ng/ul	98
36) 2-Methylnaphthalene	12.228	142	2371075	31.410	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	2420176	32.072	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	1237195	29.176	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	564587	26.131	ng/ul	99
41) 2,4,6-Trichlorophenol	12.840	196	925926	37.140	ng/ul	98
42) 2,4,5-Trichlorophenol	12.928	196	1026286	37.270	ng/ul	99
43) 1,1'-Biphenyl	13.245	154	3180396	29.608	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	2496098	29.846	ng/ul	100
45) 2-Nitroaniline	13.487	65	699914	35.240	ng/ul	91
47) Dimethylphthalate	13.875	163	3295258	31.971	ng/ul	100
48) 2,6-Dinitrotoluene	13.981	165	672827	36.598	ng/ul	98
50) Acenaphthylene	14.140	152	3984473	30.927	ng/ul	100
51) 3-Nitroaniline	14.316	138	632553	29.483	ng/ul	93
52) Acenaphthene	14.487	153	2775137	30.465	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	335136	37.132	ng/ul	95
55) 4-Nitrophenol	14.651	109	477902	31.567	ng/ul	96
56) Dibenzofuran	14.828	168	3886334	31.018	ng/ul	100
57) 2,4-Dinitrotoluene	14.781	165	1014657	36.890	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.057	232	849502	37.564	ng/ul	99
59) Diethylphthalate	15.257	149	3316073	32.711	ng/ul	99
61) Fluorene	15.481	166	3318809	31.786	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.481	204	1621627	31.731	ng/ul	99
63) 4-Nitroaniline	15.498	138	781740	35.812	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.557	198	577789	34.564	ng/ul	92
67) N-Nitrosodiphenylamine	15.698	169	2834548	31.267	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	1035452	32.041	ng/ul	99
69) Hexachlorobenzene	16.504	284	1226014	31.176	ng/ul	98
70) Atrazine	16.675	200	981308	29.346	ng/ul	98
71) Pentachlorophenol	16.857	266	773688	32.571	ng/ul	99
72) Phenanthrene	17.263	178	5203682	30.514	ng/ul	100
74) Anthracene	17.357	178	5360120	31.643	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	1243119	28.388	ng/uL	99
76) Pentachlorobenzene	14.745	250	1337064	28.744	ng/uL	98
77) Carbazole	17.628	167	4880359	32.802	ng/ul	100
78) Di-n-butylphthalate	18.228	149	5760464	34.024	ng/ul	99
80) Fluoranthene	19.339	202	5979932	33.058	ng/ul	100
82) Pyrene	19.710	202	6407012	32.611	ng/ul	98
83) Butylbenzylphthalate	20.663	149	2624649	37.042	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.557	252	1912435	34.660	ng/ul	99
85) Benzo(a)anthracene	21.639	228	6323364	31.902	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.604	149	3784198	35.813	ng/ul	98
87) Chrysene	21.710	228	5893803	31.762	ng/ul	100
89) Di-n-octyl phthalate	22.904	149	6192045	36.701	ng/ul	100
90) Benzo(b)fluoranthene	23.986	252	6300226	31.512	ng/ul	99
91) Benzo(k)fluoranthene	24.063	252	6513251	31.602	ng/ul	99
93) Benzo(a)pyrene	24.904	252	6009736	31.938	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.933	276	7914709m	33.841	ng/ul	
95) Dibenzo(a,h)anthracene	29.009	278	6455288	33.976	ng/ul	99
96) Benzo(g,h,i)perylene	30.139	276	6080431m	33.797	ng/ul	

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

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