Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022124.D
Acq On : 30 Sep 2024 22:48
Operator : RC/JU
Sample : PB163716BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS716

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

Quant Time: Oct 01 01:49:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	131499	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	486526	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.304	164	383632	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.104	188	947438	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.539	240	1136940	20.000	ng/ul	# 0.00
88) Perylene-d12	24.827	264	1368256	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	14007	4.172	ng/uL	0.00
4) Pyridine-d5	3.628	84	193270	20.140	ng/ul	0.00
7) Phenol-d5	6.881	99	255903	23.790	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	146579	22.130	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.240	132	202790	26.057	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	209733	24.606	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	97141	26.676	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143	115596	27.997	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	246984	27.545	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	254532	23.791	ng/ul	-0.01
46) Dimethylphthalate-d6	13.716	166	761028	25.663	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	814076	25.928	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	123798	24.406	ng/ul	-0.01
60) Fluorene-d10	15.310	176	671876	25.613	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.434	200	152269	25.887	ng/ul	-0.01
73) Anthracene-d10	17.210	188	1140636	25.789	ng/ul	0.00
81) Pyrene-d10	19.580	212	1490782	25.309	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.592	264	1910533	26.548	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	28503	7.838	ng/uL	97
5) Pyridine	3.652	79	190344	19.524	ng/ul	97
6) Benzaldehyde	6.852	77	142962	23.494	ng/ul	97
8) Phenol	6.910	94	264874	23.596	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.128	93	197323	22.966	ng/ul	97
12) 2-Chlorophenol	7.269	128	206098	25.545	ng/ul	96
13) 2-Methylphenol	8.134	108	195115	23.966	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.210	45	173265	21.739	ng/ul	96
16) Acetophenone	8.510	105	339772	23.964	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.493	70	168844	22.971	ng/ul	99
18) 4-Methylphenol	8.463	108	211515	23.824	ng/ul	99
19) Hexachloroethane	8.763	117	93519	24.554	ng/ul	96
22) Nitrobenzene	8.875	77	265034	23.806	ng/ul	97
23) Isophorone	9.404	82	466409	24.186	ng/ul	96
25) 2-Nitrophenol	9.581	139	121878	27.588	ng/ul	97
26) 2,4-Dimethylphenol	9.646	107	230166	22.999	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.875	93	261565	23.530	ng/ul	98
29) 2,4-Dichlorophenol	10.116	162	240121	26.955	ng/ul	97
30) Naphthalene	10.504	128	650196	25.398	ng/ul	100
32) 4-Chloroaniline	10.616	127	209741	19.795	ng/ul	100
33) Hexachlorobutadiene	10.793	225	208137	26.316	ng/ul	100
34) Caprolactam	11.393	113	66516m	24.614	ng/ul	
35) 4-Chloro-3-methylphenol	11.740	107	244705	25.391	ng/ul	99
36) 2-Methylnaphthalene	12.116	142	476808	25.063	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37)	1-Methylnaphthalene	12.334	142	483126	25.180 ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.481	216	372294	26.175 ng/ul#	96
40)	Hexachlorocyclopentadiene	12.463	237	209564	23.423 ng/ul	94
41)	2,4,6-Trichlorophenol	12.728	196	227311	26.734 ng/ul	99
42)	2,4,5-Trichlorophenol	12.804	196	250236	27.177 ng/ul	99
43)	1,1'-Biphenyl	13.134	154	682331	24.872 ng/ul	98
44)	2-Chloronaphthalene	13.175	162	564618	25.562 ng/ul	98
45)	2-Nitroaniline	13.375	65	155090	24.282 ng/ul	93
47)	Dimethylphthalate	13.763	163	744313	24.989 ng/ul	99
48)	2,6-Dinitrotoluene	13.881	165	150643	26.382 ng/ul	91
50)	Acenaphthylene	14.028	152	842770	25.740 ng/ul	99
51)	3-Nitroaniline	14.210	138	130382	25.080 ng/ul	96
52)	Acenaphthene	14.369	153	575857	24.205 ng/ul	97
53)	2,4-Dinitrophenol	14.422	184	89756	23.102 ng/ul	98
55)	4-Nitrophenol	14.528	109	138284	24.096 ng/ul	94
56)	Dibenzofuran	14.710	168	882873	24.961 ng/ul	97
57)	2,4-Dinitrotoluene	14.675	165	230901	26.240 ng/ul	88
58)	2,3,4,6-Tetrachlorophenol	14.945	232	238019	26.855 ng/ul	99
59)	Diethylphthalate	15.139	149	729569	24.750 ng/ul	98
61)	Fluorene	15.369	166	736245	25.030 ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.363	204	432411	25.534 ng/ul	99
63)	4-Nitroaniline	15.386	138	153571	29.025 ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.451	198	163437	25.521 ng/ul	97
67)	N-Nitrosodiphenylamine	15.581	169	618207	24.774 ng/ul	99
68)	4-Bromophenyl-phenylether	16.275	248	307780	27.051 ng/ul	97
70)	Atrazine	16.557	200	215036	19.317 ng/ul	98
71)	Pentachlorophenol	16.745	266	238019	25.823 ng/ul	95
72)	Phenanthrene	17.151	178	1273259	25.631 ng/ul	100
74)	Anthracene	17.239	178	1253310	24.793 ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.092	216	361746	25.444 ng/uL	97
76)	Pentachlorobenzene	14.628	250	401146	25.657 ng/uL	96
77)	Carbazole	17.522	167	1111312	24.943 ng/ul	100
78)	Di-n-butylphthalate	18.110	149	1259870	24.527 ng/ul	99
80)	Fluoranthene	19.233	202	1694991	25.177 ng/ul	99
82)	Pyrene	19.610	202	1794677	24.765 ng/ul	97
83)	Butylbenzylphthalate	20.563	149	614176	24.319 ng/ul	95
84)	3,3'-Dichlorobenzidine	21.439	252	686930	26.388 ng/ul	99
85)	Benzo(a)anthracene	21.521	228	1970604	25.150 ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.457	149	903211	24.375 ng/ul#	99
87)	Chrysene	21.580	228	1798366	24.456 ng/ul	99
89)	Di-n-octyl phthalate	22.715	149	1517541	22.451 ng/ul	100
90)	Benzo(b)fluoranthene	23.780	252	2223026	26.172 ng/ul#	98
91)	Benzo(k)fluoranthene	23.851	252	2128588	25.144 ng/ul#	99
93)	Benzo(a)pyrene	24.668	252	1916858	24.492 ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.539	276	2633151	25.803 ng/ul	98
95)	Dibenzo(a,h)anthracene	28.609	278	2143499	26.075 ng/ul#	97
96)	Benzo(g,h,i)perylene	29.697	276	2052303m	25.919 ng/ul	

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

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