Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022993.D
Acq On : 10 Nov 2024 09:31
Operator : RC/JU
Sample : PB164811BS
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS811

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 10 22:58:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 23:49:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	87188	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.340	136	349483	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.204	164	290131	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.016	188	739948	20.000	ng/ul	-0.02
79) Chrysene-d12	21.445	240	798870	20.000	ng/ul	-0.01
88) Perylene-d12	24.668	264	922377	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	10856	5.985	ng/uL	0.00
4) Pyridine-d5	3.552	84	165768	30.760	ng/ul	0.00
7) Phenol-d5	6.787	99	218318	33.869	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	119350	31.514	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	159153	33.712	ng/ul	0.00
15) 4-Methylphenol-d8	8.293	113	176544	33.282	ng/ul	-0.01
21) Nitrobenzene-d5	8.728	128	81586	33.533	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	98531	33.969	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	212440	34.973	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.487	131	212393	29.309	ng/ul	-0.01
46) Dimethylphthalate-d6	13.604	166	689067	32.953	ng/ul	-0.01
49) Acenaphthylene-d8	13.887	160	735919	33.729	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.457	143	107206	34.115	ng/ul	-0.01
60) Fluorene-d10	15.228	176	618187	33.719	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	148842	33.579	ng/ul	0.00
73) Anthracene-d10	17.104	188	1028436	32.826	ng/ul	-0.02
81) Pyrene-d10	19.504	212	1320111	35.876	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.445	264	1517075	34.529	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	23588	11.255	ng/uL	95
5) Pyridine	3.570	79	165204	30.525	ng/ul	97
6) Benzaldehyde	6.758	77	57999	15.635	ng/ul	98
8) Phenol	6.811	94	226550	33.656	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.034	93	163548	32.333	ng/ul	96
12) 2-Chlorophenol	7.163	128	169178	34.516	ng/ul	99
13) 2-Methylphenol	8.046	108	162216	32.284	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.099	45	185275	32.356	ng/ul	96
16) Acetophenone	8.405	105	285978	32.083	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.387	70	148388	33.340	ng/ul	98
18) 4-Methylphenol	8.363	108	186515	33.607	ng/ul	99
19) Hexachloroethane	8.640	117	73809	31.137	ng/ul	92
22) Nitrobenzene	8.775	77	228737	32.765	ng/ul	100
23) Isophorone	9.287	82	420917	33.719	ng/ul	99
25) 2-Nitrophenol	9.475	139	102842	33.592	ng/ul	90
26) 2,4-Dimethylphenol	9.540	107	193276	29.235	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.757	93	231717	33.736	ng/ul	97
29) 2,4-Dichlorophenol	10.005	162	207482	34.484	ng/ul	97
30) Naphthalene	10.387	128	548058	32.279	ng/ul	99
32) 4-Chloroaniline	10.504	127	138446	19.719	ng/ul	97
33) Hexachlorobutadiene	10.663	225	166812	30.641	ng/ul	97
34) Caprolactam	11.304	113	61078m	34.129	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	230358	35.589	ng/ul	97
36) 2-Methylnaphthalene	11.999	142	417852	32.599	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.222	142	417022	31.825	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.375	216	322985	32.975	ng/ul	95
40)	Hexachlorocyclopentadiene	12.346	237	147779	28.725	ng/ul	96
41)	2,4,6-Trichlorophenol	12.628	196	204072	34.215	ng/ul	98
42)	2,4,5-Trichlorophenol	12.710	196	226269	35.190	ng/ul	97
43)	1,1'-Biphenyl	13.022	154	618561	33.272	ng/ul	99
44)	2-Chloronaphthalene	13.069	162	507960	33.425	ng/ul	99
45)	2-Nitroaniline	13.281	65	154273	36.154	ng/ul	92
47)	Dimethylphthalate	13.657	163	695767	33.739	ng/ul	100
48)	2,6-Dinitrotoluene	13.793	165	146497	36.520	ng/ul	98
50)	Acenaphthylene	13.922	152	747919	33.912	ng/ul	100
51)	3-Nitroaniline	14.140	138	121081	35.045	ng/ul	94
52)	Acenaphthene	14.263	153	534509	33.382	ng/ul	98
53)	2,4-Dinitrophenol	14.351	184	100190	35.200	ng/ul	95
55)	4-Nitrophenol	14.475	109	128821	35.038	ng/ul	94
56)	Dibenzofuran	14.610	168	816421	33.001	ng/ul	99
57)	2,4-Dinitrotoluene	14.598	165	222354	34.779	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	14.863	232	206018	32.778	ng/ul#	97
59)	Diethylphthalate	15.045	149	691588	33.909	ng/ul	98
61)	Fluorene	15.275	166	684739	33.817	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.263	204	397160	33.312	ng/ul	97
63)	4-Nitroaniline	15.310	138	127528	39.667	ng/ul	91
66)	4,6-Dinitro-2-methylph...	15.375	198	160546	33.906	ng/ul#	97
67)	N-Nitrosodiphenylamine	15.487	169	586536	34.304	ng/ul	98
68)	4-Bromophenyl-phenylether	16.181	248	279362	33.340	ng/ul	99
69)	Hexachlorobenzene	16.304	284	352618	33.429	ng/ul	96
70)	Atrazine	16.469	200	203658	24.641	ng/ul	100
71)	Pentachlorophenol	16.669	266	200725	30.650	ng/ul	98
72)	Phenanthrene	17.057	178	1170335	33.499	ng/ul	99
74)	Anthracene	17.139	178	1149644	32.730	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	12.993	216	318039	32.554	ng/uL	98
76)	Pentachlorobenzene	14.534	250	361885	32.441	ng/uL	97
77)	Carbazole	17.434	167	1022754	33.374	ng/ul	99
78)	Di-n-butylphthalate	18.028	149	1178818	34.664	ng/ul	100
80)	Fluoranthene	19.157	202	1534316	36.194	ng/ul	100
82)	Pyrene	19.533	202	1605005	35.243	ng/ul	100
83)	Butylbenzylphthalate	20.486	149	550897	36.742	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.357	252	600337	33.478	ng/ul	99
85)	Benzo(a)anthracene	21.427	228	1657645	33.982	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.357	149	783928	36.792	ng/ul	98
87)	Chrysene	21.492	228	1555563	33.891	ng/ul	99
89)	Di-n-octyl phthalate	22.580	149	1307463	34.939	ng/ul	100
90)	Benzo(b)fluoranthene	23.657	252	1810737	35.270	ng/ul	100
91)	Benzo(k)fluoranthene	23.716	252	1730511	34.241	ng/ul	98
93)	Benzo(a)pyrene	24.521	252	1606689	34.620	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.309	276	2169249	33.549	ng/ul	98
95)	Dibenzo(a,h)anthracene	28.380	278	1743829m	33.216	ng/ul	
96)	Benzo(g,h,i)perylene	29.456	276	1646283	33.521	ng/ul	98

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

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