

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020952.D
 Acq On : 13 Jul 2024 04:12
 Operator : MA/JU
 Sample : PB162041BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SLCS041

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 13 04:43:11 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jul 12 23:34:01 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	192788	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	806099	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.345	164	536557	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1159880	20.000	ng/u1	0.00
79) Chrysene-d12	21.609	240	1089210	20.000	ng/u1	0.00
88) Perylene-d12	24.950	264	1292052	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	30653	7.235	ng/uL	0.00
4) Pyridine-d5	3.663	84	349426	28.489	ng/u1	0.00
7) Phenol-d5	6.916	99	504892	32.123	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.063	67	293859	30.851	ng/u1	0.01
11) 2-Chlorophenol-d4	7.263	132	400977	30.964	ng/u1	0.01
15) 4-Methylphenol-d8	8.434	113	418901	32.090	ng/u1	0.01
21) Nitrobenzene-d5	8.869	128	206136	32.923	ng/u1	0.01
24) 2-Nitrophenol-d4	9.581	143	238071	33.222	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.128	165	431251	33.280	ng/u1	0.02
31) 4-Chloroaniline-d4	10.634	131	484076	28.199	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1332601	34.165	ng/u1	0.01
49) Acenaphthylene-d8	14.039	160	1475908	33.699	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	199325	35.917	ng/u1	0.00
60) Fluorene-d10	15.363	176	1125634	35.177	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	240047	34.205	ng/u1	0.00
73) Anthracene-d10	17.257	188	1729016	33.563	ng/u1	0.00
81) Pyrene-d10	19.645	212	2035585	30.229	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.721	264	2147804	33.705	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	49429	10.608	ng/uL	99
5) Pyridine	3.687	79	366302	28.955	ng/u1	98
6) Benzaldehyde	6.881	77	254986	32.179	ng/u1	99
8) Phenol	6.946	94	520202	32.708	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.151	93	400285	30.466	ng/u1	100
12) 2-Chlorophenol	7.293	128	416487	32.089	ng/u1	99
13) 2-Methylphenol	8.169	108	391953	31.866	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.228	45	579529	30.531	ng/u1	99
16) Acetophenone	8.534	105	646349	32.080	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.516	70	329989	31.259	ng/u1	99
18) 4-Methylphenol	8.498	108	430335	32.657	ng/u1	98
19) Hexachloroethane	8.775	117	171903	29.474	ng/u1	98
22) Nitrobenzene	8.910	77	477687	31.849	ng/u1	100
23) Isophorone	9.434	82	954832	32.023	ng/u1	99
25) 2-Nitrophenol	9.610	139	250783	33.555	ng/u1	99
26) 2,4-Dimethylphenol	9.681	107	417647	28.338	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.904	93	562523	31.037	ng/u1	98
29) 2,4-Dichlorophenol	10.151	162	423630	33.172	ng/u1	99
30) Naphthalene	10.539	128	1325363	31.258	ng/u1	100
32) 4-Chloroaniline	10.657	127	473419	28.880	ng/u1	99
33) Hexachlorobutadiene	10.798	225	286748	29.946	ng/u1	98
34) Caprolactam	11.463	113	148087m	37.643	ng/u1	
35) 4-Chloro-3-methylphenol	11.792	107	483133	34.804	ng/u1	99
36) 2-Methylnaphthalene	12.139	142	945355	32.480	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	957914	32.000	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	560134	32.145	ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	188143	20.640	ng/ul	99
41) 2,4,6-Trichlorophenol	12.769	196	341967	31.058	ng/ul	98
42) 2,4,5-Trichlorophenol	12.857	196	375733	32.253	ng/ul	99
43) 1,1'-Biphenyl	13.163	154	1277820	32.587	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	1006855	32.164	ng/ul	100
45) 2-Nitroaniline	13.433	65	317211	36.643	ng/ul	100
47) Dimethylphthalate	13.810	163	1328624	33.571	ng/ul	100
48) 2,6-Dinitrotoluene	13.933	165	282563	35.711	ng/ul	96
50) Acenaphthylene	14.069	152	1629480	32.860	ng/ul	99
51) 3-Nitroaniline	14.275	138	278787	40.489	ng/ul	94
52) Acenaphthene	14.410	153	1069948	32.509	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	131192	31.572	ng/ul	97
55) 4-Nitrophenol	14.622	109	162056	35.899	ng/ul	94
56) Dibenzofuran	14.751	168	1516091	33.638	ng/ul	99
57) 2,4-Dinitrotoluene	14.745	165	410964	37.836	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.992	232	293164	29.387	ng/ul	97
59) Diethylphthalate	15.192	149	1345357	34.014	ng/ul	99
61) Fluorene	15.416	166	1248051	33.934	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.410	204	650727	32.606	ng/ul	97
63) 4-Nitroaniline	15.463	138	275074	48.241	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.516	198	249779	33.562	ng/ul	97
67) N-Nitrosodiphenylamine	15.639	169	1083152	32.069	ng/ul	99
68) 4-Bromophenyl-phenylether	16.327	248	431816	31.763	ng/ul	99
69) Hexachlorobenzene	16.433	284	506039	32.463	ng/ul	98
70) Atrazine	16.610	200	90444	7.347	ng/ul	98
71) Pentachlorophenol	16.804	266	195549	23.097	ng/ul	97
72) Phenanthrene	17.204	178	2012463	33.446	ng/ul	99
74) Anthracene	17.292	178	1991700	32.469	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.128	216	557519	30.031	ng/uL	100
76) Pentachlorobenzene	14.669	250	564242	30.587	ng/uL	99
77) Carbazole	17.586	167	1815600	36.207	ng/ul	100
78) Di-n-butylphthalate	18.169	149	2348646	33.949	ng/ul	99
80) Fluoranthene	19.292	202	2401800	29.534	ng/ul	99
82) Pyrene	19.674	202	2463286	29.767	ng/ul	100
83) Butylbenzylphthalate	20.621	149	1047553	30.383	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.521	252	819081	32.909	ng/ul	99
85) Benzo(a)anthracene	21.592	228	2493264	32.677	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.515	149	1509326	30.419	ng/ul	100
87) Chrysene	21.662	228	2375603	33.507	ng/ul	99
89) Di-n-octyl phthalate	22.780	149	2689776	31.513	ng/ul	100
90) Benzo(b)fluoranthene	23.898	252	2558604	32.632	ng/ul	99
91) Benzo(k)fluoranthene	23.962	252	2565775	32.790	ng/ul	100
93) Benzo(a)pyrene	24.798	252	2332355	31.478	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.750	276	3160075m	33.098	ng/ul	
95) Dibenzo(a,h)anthracene	28.833	278	2594890	32.820	ng/ul	99
96) Benzo(g,h,i)perylene	29.909	276	2434171m	31.305	ng/ul	

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

