

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022899.D
 Acq On : 06 Nov 2024 18:36
 Operator : RC/JU
 Sample : PB164642BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS642

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 07 00:52:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 00:31:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	66290	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	258765	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	211554	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	528074	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	572608	20.000	ng/u1	0.00
88) Perylene-d12	24.751	264	661846	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	7241	4.245	ng/uL	0.00
4) Pyridine-d5	3.581	84	108924	23.259	ng/u1	0.00
7) Phenol-d5	6.822	99	146834	26.314	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	78265	23.864	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	110671	27.951	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	120733	27.112	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	53685	26.982	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	63880	27.732	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	141193	28.840	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	140469	24.282	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	425101	25.291	ng/u1	0.00
49) Acenaphthylene-d8	13.939	160	468098	26.220	ng/u1	0.00
54) 4-Nitrophenol-d4	14.486	143	62436	22.142	ng/u1	-0.01
60) Fluorene-d10	15.245	176	387631	26.588	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	65437	18.841	ng/u1	-0.01
73) Anthracene-d10	17.157	188	678789	27.324	ng/u1	0.00
81) Pyrene-d10	19.533	212	843978	27.872	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.521	264	978870	27.694	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	15561	8.484	ng/uL	96
5) Pyridine	3.599	79	113144	23.563	ng/u1	92
6) Benzaldehyde	6.793	77	11651	3.864	ng/u1	99
8) Phenol	6.852	94	154002	26.527	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.057	93	105464	24.273	ng/u1	99
12) 2-Chlorophenol	7.199	128	114302	27.917	ng/u1	97
13) 2-Methylphenol	8.069	108	112567	26.717	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	119387	23.643	ng/u1	97
16) Acetophenone	8.440	105	187172	25.459	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.416	70	95101	25.532	ng/u1	97
18) 4-Methylphenol	8.393	108	123211	26.361	ng/u1	100
19) Hexachloroethane	8.681	117	48166	25.260	ng/u1	96
22) Nitrobenzene	8.810	77	155045	26.106	ng/u1	98
23) Isophorone	9.328	82	257159	24.150	ng/u1	99
25) 2-Nitrophenol	9.510	139	69368	27.942	ng/u1	95
26) 2,4-Dimethylphenol	9.575	107	143719	26.635	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.804	93	144688	23.931	ng/u1	99
29) 2,4-Dichlorophenol	10.051	162	139410	28.916	ng/u1	97
30) Naphthalene	10.434	128	371101	26.925	ng/u1	99
32) 4-Chloroaniline	10.551	127	95721	16.762	ng/u1	96
33) Hexachlorobutadiene	10.710	225	111498	27.439	ng/u1	96
34) Caprolactam	11.334	113	38372m	24.687	ng/u1	
35) 4-Chloro-3-methylphenol	11.687	107	148947	28.316	ng/u1	99
36) 2-Methylnaphthalene	12.040	142	278444	27.522	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	275570	26.686	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.416	216	210962	26.969	ng/ul	96
40) Hexachlorocyclopentadiene	12.387	237	45420	9.530	ng/ul	97
41) 2,4,6-Trichlorophenol	12.669	196	134303	27.295	ng/ul	96
42) 2,4,5-Trichlorophenol	12.745	196	149342	28.505	ng/ul	97
43) 1,1'-Biphenyl	13.063	154	400525	26.266	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	335131	26.847	ng/ul	98
45) 2-Nitroaniline	13.328	65	99863	26.792	ng/ul	95
47) Dimethylphthalate	13.704	163	418446	24.984	ng/ul	100
48) 2,6-Dinitrotoluene	13.822	165	87854	27.732	ng/ul	98
50) Acenaphthylene	13.969	152	483823	26.113	ng/ul	100
51) 3-Nitroaniline	14.157	138	78979	26.543	ng/ul#	99
52) Acenaphthene	14.316	153	347310	26.509	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	34839	14.947	ng/ul	95
55) 4-Nitrophenol	14.504	109	76263	24.368	ng/ul	91
56) Dibenzofuran	14.657	168	538999	27.387	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	140271	28.494	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.881	232	139922	28.613	ng/ul#	97
59) Diethylphthalate	15.086	149	413170	25.713	ng/ul	99
61) Fluorene	15.304	166	435095	27.133	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	251798	27.459	ng/ul	99
63) 4-Nitroaniline	15.357	138	90585m	30.255	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	71117	19.010	ng/ul	98
67) N-Nitrosodiphenylamine	15.522	169	379236	26.817	ng/ul	100
68) 4-Bromophenyl-phenylether	16.216	248	178890	28.091	ng/ul	95
69) Hexachlorobenzene	16.339	284	227910	29.076	ng/ul	100
70) Atrazine	16.510	200	159203	27.084	ng/ul	92
71) Pentachlorophenol	16.704	266	138194	27.419	ng/ul	97
72) Phenanthrene	17.098	178	768058	27.186	ng/ul	99
74) Anthracene	17.192	178	773998	27.452	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.028	216	212705	26.454	ng/uL	97
76) Pentachlorobenzene	14.575	250	236986	26.662	ng/uL	98
77) Carbazole	17.480	167	676306	27.109	ng/ul	99
78) Di-n-butylphthalate	18.051	149	725244	26.273	ng/ul	100
80) Fluoranthene	19.180	202	999113	28.701	ng/ul	99
82) Pyrene	19.563	202	1043077	27.957	ng/ul	98
83) Butylbenzylphthalate	20.521	149	356904	27.475	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	367592	26.930	ng/ul	99
85) Benzo(a)anthracene	21.474	228	1093570	27.243	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	501925	26.919	ng/ul	100
87) Chrysene	21.539	228	1018172	27.355	ng/ul	99
89) Di-n-octyl phthalate	22.633	149	834685	26.513	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	1169247	28.066	ng/ul#	98
91) Benzo(k)fluoranthene	23.780	252	1119561	27.448	ng/ul	99
93) Benzo(a)pyrene	24.598	252	1034540	26.981	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.445	276	1375615m	26.885	ng/ul	
95) Dibenzo(a,h)anthracene	28.498	278	1105107	26.672	ng/ul#	97
96) Benzo(g,h,i)perylene	29.592	276	1051357m	26.417	ng/ul	

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

