

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021436.D
 Acq On : 08 Aug 2024 03:19
 Operator : CG/JU
 Sample : PB162412BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS412

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 08 04:03:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	147034	20.000	ng/u1	-0.03
20) Naphthalene-d8	10.369	136	603173	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.251	164	398252	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.075	188	869957	20.000	ng/u1	-0.02
79) Chrysene-d12	21.504	240	976427	20.000	ng/u1	-0.03
88) Perylene-d12	24.792	264	1153718	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	19661	6.085	ng/uL	-0.02
4) Pyridine-d5	3.570	84	198636	21.235	ng/u1	-0.02
7) Phenol-d5	6.828	99	288388	24.058	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.958	67	166119	22.867	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.158	132	240844	24.386	ng/u1	-0.02
15) 4-Methylphenol-d8	8.340	113	267372	26.855	ng/u1	-0.02
21) Nitrobenzene-d5	8.775	128	133912	28.584	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.481	143	151484	28.251	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.040	165	273761	28.234	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.540	131	343473	26.740	ng/u1	-0.02
46) Dimethylphthalate-d6	13.669	166	848372	29.304	ng/u1	-0.01
49) Acenaphthylene-d8	13.945	160	972969	29.930	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.575	143	163337m	39.654	ng/u1	-0.01
60) Fluorene-d10	15.269	176	735580	30.971	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.457	200	149766	28.453	ng/u1	0.00
73) Anthracene-d10	17.175	188	1142595	29.571	ng/u1	-0.02
81) Pyrene-d10	19.563	212	1571274	26.029	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.557	264	1756524	30.870	ng/u1	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	34704	9.766	ng/uL	97
5) Pyridine	3.593	79	202215	20.959	ng/u1	99
6) Benzaldehyde	6.793	77	148649m	24.597	ng/u1	
8) Phenol	6.852	94	304492	25.103	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.052	93	233590	23.311	ng/u1	99
12) 2-Chlorophenol	7.187	128	251798	25.437	ng/u1	98
13) 2-Methylphenol	8.075	108	267075	28.470	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.116	45	411824m	28.447	ng/u1	
16) Acetophenone	8.440	105	439180	28.581	ng/u1	88
17) N-Nitroso-di-n-propyla...	8.410	70	218957	27.195	ng/u1	96
18) 4-Methylphenol	8.416	108	289997	28.855	ng/u1	97
19) Hexachloroethane	8.646	117	119800	26.932	ng/u1	97
22) Nitrobenzene	8.816	77	337451	30.069	ng/u1	97
23) Isophorone	9.322	82	612951	27.473	ng/u1	99
25) 2-Nitrophenol	9.516	139	165077	29.518	ng/u1	100
26) 2,4-Dimethylphenol	9.587	107	256713	23.279	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.793	93	372093	27.437	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	277141	29.003	ng/u1	98
30) Naphthalene	10.416	128	923434	29.105	ng/u1	99
32) 4-Chloroaniline	10.569	127	325583	26.544	ng/u1	98
33) Hexachlorobutadiene	10.675	225	193671	27.030	ng/u1	97
34) Caprolactam	11.410	113	95592m	32.474	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	323604	31.155	ng/u1	98
36) 2-Methylnaphthalene	12.046	142	628036	28.837	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	634681	28.335	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.416	216	366813	28.361	ng/ul	98
40) Hexachlorocyclopentadiene	12.363	237	41843	6.184	ng/ul	99
41) 2,4,6-Trichlorophenol	12.687	196	206116	25.221	ng/ul	99
42) 2,4,5-Trichlorophenol	12.798	196	233876	27.048	ng/ul	100
43) 1,1'-Biphenyl	13.063	154	834842	28.684	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	680257	29.277	ng/ul	99
45) 2-Nitroaniline	13.363	65	216526	33.698	ng/ul	97
47) Dimethylphthalate	13.716	163	862815	29.372	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	181085	30.834	ng/ul	97
50) Acenaphthylene	13.975	152	1093258	29.703	ng/ul	100
51) 3-Nitroaniline	14.216	138	187860	36.759	ng/ul	99
52) Acenaphthene	14.316	153	723596	29.620	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	83332	27.019	ng/ul	96
55) 4-Nitrophenol	14.592	109	125225	37.373	ng/ul	99
56) Dibenzofuran	14.663	168	1030300	30.798	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	281850	34.960	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.916	232	185212	25.014	ng/ul	99
59) Diethylphthalate	15.104	149	857630	29.214	ng/ul	99
61) Fluorene	15.328	166	856953	31.392	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	431990	29.163	ng/ul	99
63) 4-Nitroaniline	15.422	138	189054	44.669	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	159764	28.621	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	724627	28.604	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	266523	26.138	ng/ul	97
69) Hexachlorobenzene	16.351	284	334951	28.648	ng/ul	98
70) Atrazine	16.545	200	23814m	2.579	ng/ul	
71) Pentachlorophenol	16.745	266	127473	20.074	ng/ul	95
72) Phenanthrene	17.116	178	1378554	30.546	ng/ul	100
74) Anthracene	17.216	178	1360515	29.571	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.028	216	367455	26.390	ng/uL	98
76) Pentachlorobenzene	14.575	250	368889	26.662	ng/uL	99
77) Carbazole	17.516	167	1340605	35.645	ng/ul	99
78) Di-n-butylphthalate	18.075	149	1522191	29.335	ng/ul	99
80) Fluoranthene	19.216	202	1817524	24.931	ng/ul	98
82) Pyrene	19.598	202	1912286	25.777	ng/ul	99
83) Butylbenzylphthalate	20.527	149	763105	24.689	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.422	252	681917	30.563	ng/ul	99
85) Benzo(a)anthracene	21.486	228	2056624	30.068	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1044041	23.472	ng/ul	100
87) Chrysene	21.557	228	1968527	30.972	ng/ul	100
89) Di-n-octyl phthalate	22.621	149	1871594	24.557	ng/ul	100
90) Benzo(b)fluoranthene	23.751	252	2114744	30.205	ng/ul	99
91) Benzo(k)fluoranthene	23.821	252	2161598	30.937	ng/ul	99
93) Benzo(a)pyrene	24.627	252	1901751	28.744	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.545	276	2564050	30.075	ng/ul	98
95) Dibenzo(a,h)anthracene	28.568	278	2118128	30.002	ng/ul	99
96) Benzo(g,h,i)perylene	29.698	276	1997849m	28.774	ng/ul	

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

