

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022372.D
 Acq On : 15 Oct 2024 02:13
 Operator : RC/JU
 Sample : PB163884BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS884

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 15 02:58:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	144709	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	549864	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	459611	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	1165560	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1267929	20.000	ng/u1	0.00
88) Perylene-d12	24.851	264	1429218	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	13825	3.713	ng/uL	0.00
4) Pyridine-d5	3.634	84	189207	18.508	ng/u1	0.00
7) Phenol-d5	6.887	99	257454	21.135	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	143482	20.041	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	194729	22.529	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	206702	21.263	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	95402	22.565	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	117555	24.016	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	241351	23.199	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	259548	21.114	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	750438	20.550	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	844870	21.783	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	138840	22.663	ng/u1	-0.02
60) Fluorene-d10	15.316	176	701115	22.135	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	161189	21.027	ng/u1	0.00
73) Anthracene-d10	17.210	188	1203685	21.953	ng/u1	0.00
81) Pyrene-d10	19.592	212	1576647	23.514	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.621	264	1727748	22.636	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	27579	6.888	ng/uL	97
5) Pyridine	3.652	79	192857	18.399	ng/u1	99
6) Benzaldehyde	6.852	77	145394	22.087	ng/u1	96
8) Phenol	6.916	94	269234	21.244	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.128	93	197708	20.845	ng/u1	98
12) 2-Chlorophenol	7.275	128	200734	22.459	ng/u1	95
13) 2-Methylphenol	8.140	108	197097	21.430	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.211	45	222672	20.200	ng/u1	98
16) Acetophenone	8.511	105	338462	21.089	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.493	70	170165	20.928	ng/u1	96
18) 4-Methylphenol	8.463	108	215325	21.104	ng/u1	97
19) Hexachloroethane	8.763	117	91232	21.917	ng/u1	94
22) Nitrobenzene	8.881	77	267062	21.162	ng/u1	99
23) Isophorone	9.405	82	481692	21.288	ng/u1	98
25) 2-Nitrophenol	9.581	139	122220	23.168	ng/u1	96
26) 2,4-Dimethylphenol	9.646	107	201661	17.588	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.875	93	272899	21.241	ng/u1	100
29) 2,4-Dichlorophenol	10.116	162	237105	23.144	ng/u1	100
30) Naphthalene	10.510	128	640028	21.853	ng/u1	99
32) 4-Chloroaniline	10.616	127	214222	17.654	ng/u1	97
33) Hexachlorobutadiene	10.787	225	192314	22.272	ng/u1	99
34) Caprolactam	11.393	113	70905m	21.468	ng/u1	
35) 4-Chloro-3-methylphenol	11.746	107	262927	23.522	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	480175	22.335	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	478656	21.814	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.481	216	361898	21.295	ng/ul	96
40) Hexachlorocyclopentadiene	12.457	237	132385	12.786	ng/ul	98
41) 2,4,6-Trichlorophenol	12.728	196	226097	21.151	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	252587	22.191	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	688083	20.770	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	576327	21.251	ng/ul	99
45) 2-Nitroaniline	13.387	65	174476	21.546	ng/ul	93
47) Dimethylphthalate	13.763	163	751459	20.651	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	164640	23.921	ng/ul	93
50) Acenaphthylene	14.028	152	883945	21.960	ng/ul	100
51) 3-Nitroaniline	14.210	138	153934	23.813	ng/ul	98
52) Acenaphthene	14.375	153	613162	21.541	ng/ul	98
53) 2,4-Dinitrophenol	14.434	184	107379	21.205	ng/ul	97
55) 4-Nitrophenol	14.534	109	152604	22.444	ng/ul	98
56) Dibenzofuran	14.716	168	931988	21.797	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	257163	24.045	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	14.945	232	235801	22.195	ng/ul	98
59) Diethylphthalate	15.134	149	757176	21.689	ng/ul	98
61) Fluorene	15.375	166	774110	22.220	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	437714	21.971	ng/ul	99
63) 4-Nitroaniline	15.404	138	174370	26.807	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.463	198	174683	21.156	ng/ul	97
67) N-Nitrosodiphenylamine	15.575	169	667024	21.370	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	311387	22.154	ng/ul	96
69) Hexachlorobenzene	16.404	284	389592	22.518	ng/ul	99
70) Atrazine	16.557	200	206350	15.905	ng/ul	97
71) Pentachlorophenol	16.757	266	238850	21.471	ng/ul	96
72) Phenanthrene	17.157	178	1358092	21.779	ng/ul	100
74) Anthracene	17.239	178	1350312	21.699	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.099	216	359791	20.273	ng/uL	98
76) Pentachlorobenzene	14.628	250	402527	20.517	ng/uL	99
77) Carbazole	17.534	167	1234922	22.427	ng/ul	99
78) Di-n-butylphthalate	18.116	149	1350011	22.158	ng/ul	99
80) Fluoranthene	19.245	202	1839272	23.861	ng/ul	99
82) Pyrene	19.622	202	1956982	23.687	ng/ul	100
83) Butylbenzylphthalate	20.569	149	674912	23.464	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	701978	23.225	ng/ul	97
85) Benzo(a)anthracene	21.527	228	1952630	21.968	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	945924	22.911	ng/ul	99
87) Chrysene	21.592	228	1799916	21.839	ng/ul	99
89) Di-n-octyl phthalate	22.716	149	1617803	23.797	ng/ul	100
90) Benzo(b)fluoranthene	23.798	252	2048856	22.774	ng/ul	99
91) Benzo(k)fluoranthene	23.869	252	2022628	22.964	ng/ul	99
93) Benzo(a)pyrene	24.692	252	1793707	21.663	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.562	276	2425465	21.952	ng/ul	97
95) Dibenzo(a,h)anthracene	28.657	278	1943109	21.717	ng/ul	98
96) Benzo(g,h,i)perylene	29.739	276	1878851	21.862	ng/ul	99

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

