

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100724\
 Data File : BP022260.D
 Acq On : 07 Oct 2024 18:44
 Operator : RC/JU
 Sample : SSTD04046
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD040624

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 08 02:01:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 00:58:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	82115	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	323075	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	266118	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	665418	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	735793	20.000	ng/u1	0.01
88) Perylene-d12	24.839	264	882976	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	34669	16.538	ng/uL	0.00
4) Pyridine-d5	3.634	84	241114	40.237	ng/u1	0.00
7) Phenol-d5	6.887	99	278284	41.429	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	162945	39.396	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	202039	41.573	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	227451	42.733	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	104090	43.046	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	122862	44.811	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	256679	43.109	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	298704	42.046	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	855964	41.610	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	928600	42.636	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	146755	41.707	ng/u1	0.00
60) Fluorene-d10	15.328	176	745914	40.992	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	177841	43.048	ng/u1	0.00
73) Anthracene-d10	17.216	188	1246731	40.134	ng/u1	0.00
81) Pyrene-d10	19.586	212	1620516	42.511	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	1945306	41.887	ng/u1	0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.258	88	37520	16.522	ng/uL	98
5) Pyridine	3.652	79	244883	40.223	ng/u1	96
6) Benzaldehyde	6.858	77	180712	47.558	ng/u1	99
8) Phenol	6.916	94	290879	41.496	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.134	93	218527	40.730	ng/u1	98
12) 2-Chlorophenol	7.275	128	208611	41.406	ng/u1	97
13) 2-Methylphenol	8.140	108	212300	41.759	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	254507	51.135	ng/u1	99
16) Acetophenone	8.510	105	372913	42.120	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.499	70	194472	42.370	ng/u1	98
18) 4-Methylphenol	8.463	108	238618	43.040	ng/u1	96
19) Hexachloroethane	8.763	117	94411	39.697	ng/u1	97
22) Nitrobenzene	8.887	77	298084	40.320	ng/u1	99
23) Isophorone	9.410	82	550189	42.964	ng/u1	98
25) 2-Nitrophenol	9.593	139	132894	45.301	ng/u1	96
26) 2,4-Dimethylphenol	9.652	107	272781	41.047	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.881	93	305887	41.439	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	252666	42.712	ng/u1	99
30) Naphthalene	10.516	128	695351	40.904	ng/u1	98
32) 4-Chloroaniline	10.622	127	293861	41.765	ng/u1	99
33) Hexachlorobutadiene	10.799	225	200334	38.144	ng/u1	99
34) Caprolactam	11.399	113	83009m	46.259	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	288706	45.112	ng/u1	100
36) 2-Methylnaphthalene	12.128	142	537328	42.533	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	546420	42.887	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.498	216	388142	39.340	ng/ul	94
40) Hexachlorocyclopentadiene	12.475	237	237269	38.231	ng/ul	98
41) 2,4,6-Trichlorophenol	12.740	196	251076	42.568	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	273159	42.767	ng/ul	97
43) 1,1'-Biphenyl	13.145	154	757303	39.795	ng/ul	99
44) 2-Chloronaphthalene	13.187	162	621252	40.546	ng/ul	98
45) 2-Nitroaniline	13.393	65	199277	44.979	ng/ul	97
47) Dimethylphthalate	13.769	163	838510	40.583	ng/ul	100
48) 2,6-Dinitrotoluene	13.898	165	170789	43.118	ng/ul	97
50) Acenaphthylene	14.034	152	949505	41.805	ng/ul	100
51) 3-Nitroaniline	14.228	138	160391	44.476	ng/ul	99
52) Acenaphthene	14.387	153	652823	39.558	ng/ul	99
53) 2,4-Dinitrophenol	14.428	184	119899	44.488	ng/ul	96
55) 4-Nitrophenol	14.551	109	162215	40.749	ng/ul	99
56) Dibenzofuran	14.728	168	986101	40.191	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	265097	43.429	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.957	232	258699	42.077	ng/ul	97
59) Diethylphthalate	15.145	149	822470	40.222	ng/ul	98
61) Fluorene	15.381	166	803718	39.390	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	455512	38.776	ng/ul	98
63) 4-Nitroaniline	15.410	138	167414	45.613	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.463	198	195064	43.370	ng/ul	96
67) N-Nitrosodiphenylamine	15.587	169	712536	40.656	ng/ul	100
68) 4-Bromophenyl-phenylether	16.281	248	315218	39.447	ng/ul	99
69) Hexachlorobenzene	16.410	284	380607	39.227	ng/ul	98
70) Atrazine	16.569	200	310584	39.726	ng/ul	94
71) Pentachlorophenol	16.763	266	255802	39.514	ng/ul	95
72) Phenanthrene	17.157	178	1405901	40.296	ng/ul	99
74) Anthracene	17.251	178	1425602	40.153	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.110	216	397339	39.792	ng/ul	96
76) Pentachlorobenzene	14.645	250	434670	39.584	ng/ul	99
77) Carbazole	17.539	167	1276528	40.794	ng/ul	99
78) Di-n-butylphthalate	18.122	149	1410519	39.098	ng/ul	100
80) Fluoranthene	19.245	202	1854630	42.567	ng/ul	100
82) Pyrene	19.616	202	1973632	42.083	ng/ul	98
83) Butylbenzylphthalate	20.575	149	695289	42.540	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	743712	44.145	ng/ul	99
85) Benzo(a)anthracene	21.527	228	2090418	41.225	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	975747	40.689	ng/ul	100
87) Chrysene	21.604	228	1919848	40.342	ng/ul	100
89) Di-n-octyl phthalate	22.716	149	1655376	37.951	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	2258578	41.205	ng/ul	98
91) Benzo(k)fluoranthene	23.868	252	2205083	40.364	ng/ul	99
93) Benzo(a)pyrene	24.686	252	2082748	41.237	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.580	276	2712563	41.190	ng/ul	98
95) Dibenzo(a,h)anthracene	28.633	278	2171048m	40.924	ng/ul	
96) Benzo(g,h,i)perylene	29.727	276	2115430	41.399	ng/ul	99

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

