

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023243.D
 Acq On : 20 Nov 2024 08:52
 Operator : RC/JU
 Sample : P4817-04MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHK71MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 00:11:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	91206	20.000	ng/u1	0.00
20) Naphthalene-d8	10.310	136	346490	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.175	164	275206	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.986	188	668474	20.000	ng/u1	-0.01
79) Chrysene-d12	21.421	240	737003	20.000	ng/u1	0.00
88) Perylene-d12	24.627	264	839677	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	7431	3.916	ng/uL	0.00
4) Pyridine-d5	3.546	84	76056	13.491	ng/u1	0.00
7) Phenol-d5	6.769	99	159186	23.607	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	93439	23.585	ng/u1	0.00
11) 2-Chlorophenol-d4	7.116	132	118959	24.088	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	128713	23.196	ng/u1	0.00
21) Nitrobenzene-d5	8.704	128	59846	24.810	ng/u1	0.00
24) 2-Nitrophenol-d4	9.416	143	72225	25.115	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	154641	25.678	ng/u1	0.00
31) 4-Chloroaniline-d4	10.463	131	141687	19.721	ng/u1	0.00
46) Dimethylphthalate-d6	13.587	166	506861	25.554	ng/u1	0.00
49) Acenaphthylene-d8	13.875	160	526014	25.416	ng/u1	0.00
54) 4-Nitrophenol-d4	14.434	143	60312	20.233	ng/u1	-0.02
60) Fluorene-d10	15.192	176	437525	25.159	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.351	200	92984	23.220	ng/u1	0.00
73) Anthracene-d10	17.098	188	736702	26.028	ng/u1	0.00
81) Pyrene-d10	19.469	212	958118	28.224	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.415	264	1121376	28.036	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	26609	12.137	ng/uL	95
5) Pyridine	3.569	79	162631	28.725	ng/u1	91
6) Benzaldehyde	6.746	77	53290	13.733	ng/u1	97
8) Phenol	6.799	94	233388	33.145	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.005	93	170666	32.254	ng/u1	94
12) 2-Chlorophenol	7.146	128	166595	32.492	ng/u1	95
13) 2-Methylphenol	8.016	108	166856	31.745	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.075	45	197985	33.052	ng/u1	96
16) Acetophenone	8.375	105	290935	31.201	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.357	70	149466	32.103	ng/u1	98
18) 4-Methylphenol	8.340	108	181494	31.262	ng/u1	98
19) Hexachloroethane	8.610	117	78246	31.555	ng/u1	99
22) Nitrobenzene	8.751	77	235523	34.028	ng/u1	98
23) Isophorone	9.269	82	414892	33.524	ng/u1	98
25) 2-Nitrophenol	9.446	139	101700	33.506	ng/u1	95
26) 2,4-Dimethylphenol	9.516	107	203266	31.012	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.734	93	235249	34.547	ng/u1	97
29) 2,4-Dichlorophenol	9.987	162	203432	34.103	ng/u1	99
30) Naphthalene	10.363	128	548257	32.570	ng/u1	99
32) 4-Chloroaniline	10.487	127	100295	14.409	ng/u1	100
33) Hexachlorobutadiene	10.628	225	170119	31.518	ng/u1	99
34) Caprolactam	11.281	113	57732m	32.538	ng/u1	
35) 4-Chloro-3-methylphenol	11.622	107	217739	33.930	ng/u1	95
36) 2-Methylnaphthalene	11.975	142	408985	32.182	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.187	142	408739	31.462	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.351	216	311275	33.503	ng/ul	98
40) Hexachlorocyclopentadiene	12.316	237	137562	28.189	ng/ul	95
41) 2,4,6-Trichlorophenol	12.604	196	193712	34.240	ng/ul	96
42) 2,4,5-Trichlorophenol	12.687	196	213016	34.925	ng/ul	97
43) 1,1'-Biphenyl	12.992	154	594905	33.735	ng/ul	99
44) 2-Chloronaphthalene	13.039	162	481549	33.405	ng/ul	99
45) 2-Nitroaniline	13.269	65	142797	35.279	ng/ul#	85
47) Dimethylphthalate	13.628	163	651768	33.319	ng/ul	99
48) 2,6-Dinitrotoluene	13.769	165	130726	34.356	ng/ul	100
50) Acenaphthylene	13.898	152	706987	33.794	ng/ul	99
51) 3-Nitroaniline	14.110	138	105831	32.292	ng/ul#	95
52) Acenaphthene	14.245	153	516902	34.033	ng/ul	96
53) 2,4-Dinitrophenol	14.334	184	82688	30.627	ng/ul	98
55) 4-Nitrophenol	14.451	109	126093	36.156	ng/ul	95
56) Dibenzofuran	14.598	168	779638	33.224	ng/ul	99
57) 2,4-Dinitrotoluene	14.586	165	205835	33.941	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.834	232	194503	32.624	ng/ul	99
59) Diethylphthalate	15.022	149	652717	33.739	ng/ul	98
61) Fluorene	15.257	166	627023	32.646	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.251	204	374365	33.103	ng/ul	97
63) 4-Nitroaniline	15.310	138	114069	37.405	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.363	198	140611	32.871	ng/ul	100
67) N-Nitrosodiphenylamine	15.463	169	550294	35.625	ng/ul	99
68) 4-Bromophenyl-phenylether	16.151	248	265246	35.040	ng/ul	97
69) Hexachlorobenzene	16.280	284	325498	34.157	ng/ul	94
70) Atrazine	16.457	200	24362	3.263	ng/ul	96
71) Pentachlorophenol	16.651	266	181874	30.741	ng/ul	99
72) Phenanthrene	17.033	178	1096593	34.744	ng/ul	99
74) Anthracene	17.133	178	1079323	34.013	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.957	216	305710	34.638	ng/ul	97
76) Pentachlorobenzene	14.504	250	352081	34.937	ng/ul	98
77) Carbazole	17.422	167	934224	33.744	ng/ul	99
78) Di-n-butylphthalate	17.998	149	1104727	35.958	ng/ul	99
80) Fluoranthene	19.122	202	1465142	37.463	ng/ul	100
82) Pyrene	19.498	202	1523952	36.273	ng/ul	99
83) Butylbenzylphthalate	20.457	149	548489	39.652	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.327	252	438892	26.530	ng/ul	100
85) Benzo(a)anthracene	21.398	228	1594893	35.440	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	904379	46.008	ng/ul	98
87) Chrysene	21.468	228	1491478	35.222	ng/ul	99
89) Di-n-octyl phthalate	22.551	149	1302163	38.225	ng/ul	100
90) Benzo(b)fluoranthene	23.621	252	1698509	36.342	ng/ul	100
91) Benzo(k)fluoranthene	23.686	252	1709662	37.160	ng/ul#	99
93) Benzo(a)pyrene	24.486	252	1559945	36.923	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.274	276	2021596m	34.345	ng/ul	
95) Dibenzo(a,h)anthracene	28.309	278	1645578m	34.431	ng/ul	
96) Benzo(g,h,i)perylene	29.392	276	1532391m	34.275	ng/ul	

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

