

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021234.D
 Acq On : 30 Jul 2024 14:08
 Operator : MA/JU
 Sample : PB162326BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS326

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 09/04/2024

Quant Time: Jul 30 23:00:40 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	7.634	152	116563	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	468213	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.269	164	328383	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	766183	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	957868	20.000	ng/u1	# 0.01
88) Perylene-d12	24.862	264	1111654	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	13820	5.395	ng/uL	0.00
4) Pyridine-d5	3.593	84	159533	21.513	ng/u1	0.00
7) Phenol-d5	6.852	99	229707	24.172	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	129927	22.560	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	196627	25.113	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	190316	24.113	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	95008	26.125	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	109532	26.315	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	203919	27.093	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	243605	24.431	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	671793	28.142	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	719503	26.842	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	132367m	38.972	ng/u1	-0.02
60) Fluorene-d10	15.287	176	572825	29.249	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	130400	28.129	ng/u1	0.00
73) Anthracene-d10	17.198	188	946523	27.814	ng/u1	0.00
81) Pyrene-d10	19.580	212	1299080	21.937	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.621	264	1558287	28.422	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	24994	8.872	ng/uL	98
5) Pyridine	3.611	79	168599	22.042	ng/u1	99
6) Benzaldehyde	6.811	77	111493m	23.272	ng/u1	
8) Phenol	6.875	94	239210	24.876	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.081	93	185024	23.292	ng/u1	97
12) 2-Chlorophenol	7.216	128	205755	26.220	ng/u1	98
13) 2-Methylphenol	8.099	108	183971	24.738	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.152	45	238687	20.797	ng/u1#	92
16) Acetophenone	8.463	105	304248	24.976	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.440	70	148148	23.211	ng/u1	95
18) 4-Methylphenol	8.434	108	203556	25.549	ng/u1	99
19) Hexachloroethane	8.675	117	84784	24.043	ng/u1	90
22) Nitrobenzene	8.840	77	220763	25.341	ng/u1	95
23) Isophorone	9.346	82	421371	24.330	ng/u1	100
25) 2-Nitrophenol	9.540	139	119703	27.574	ng/u1	97
26) 2,4-Dimethylphenol	9.610	107	197890	23.117	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	255112	24.234	ng/u1	99
29) 2,4-Dichlorophenol	10.081	162	203056	27.375	ng/u1	98
30) Naphthalene	10.451	128	654352	26.569	ng/u1	100
32) 4-Chloroaniline	10.587	127	223516	23.475	ng/u1	95
33) Hexachlorobutadiene	10.716	225	157440	28.307	ng/u1	99
34) Caprolactam	11.404	113	70654m	30.920	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	227674	28.237	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	458709	27.133	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	457133	26.291	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	291881	27.369	ng/ul	98
40) Hexachlorocyclopentadiene	12.393	237	51880	9.299	ng/ul	96
41) 2,4,6-Trichlorophenol	12.698	196	165825	24.608	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	184869	25.929	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	631690	26.322	ng/ul	98
44) 2-Chloronaphthalene	13.134	162	500549	26.127	ng/ul	98
45) 2-Nitroaniline	13.369	65	141272	26.664	ng/ul	99
47) Dimethylphthalate	13.734	163	680267	28.085	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	139260	28.757	ng/ul	98
50) Acenaphthylene	13.992	152	810802	26.716	ng/ul	99
51) 3-Nitroaniline	14.222	138	131549	31.217	ng/ul	95
52) Acenaphthene	14.340	153	534769	26.548	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	70336	27.657	ng/ul	97
55) 4-Nitrophenol	14.581	109	96191	34.816	ng/ul#	81
56) Dibenzofuran	14.681	168	779446	28.257	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	213372	32.097	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.934	232	153039	25.066	ng/ul	94
59) Diethylphthalate	15.122	149	688857	28.457	ng/ul	98
61) Fluorene	15.345	166	653008	29.010	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.339	204	349720	28.632	ng/ul	96
63) 4-Nitroaniline	15.422	138	138342	39.642	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.481	198	139787	28.434	ng/ul#	93
67) N-Nitrosodiphenylamine	15.569	169	571543	25.617	ng/ul	100
68) 4-Bromophenyl-phenylether	16.257	248	242687	27.024	ng/ul	97
69) Hexachlorobenzene	16.375	284	298491	28.988	ng/ul#	93
70) Atrazine	16.557	200	29567	3.636	ng/ul	97
71) Pentachlorophenol	16.757	266	120761	21.593	ng/ul	97
72) Phenanthrene	17.133	178	1105719	27.819	ng/ul	99
74) Anthracene	17.228	178	1109668	27.386	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	292840	23.880	ng/uL	99
76) Pentachlorobenzene	14.592	250	310035	25.443	ng/uL	98
77) Carbazole	17.528	167	1030150	31.100	ng/ul	100
78) Di-n-butylphthalate	18.098	149	1288199	28.188	ng/ul	100
80) Fluoranthene	19.239	202	1490120	20.836	ng/ul	98
82) Pyrene	19.616	202	1568360	21.551	ng/ul	98
83) Butylbenzylphthalate	20.563	149	678943	22.392	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.457	252	647142	29.566	ng/ul#	99
85) Benzo(a)anthracene	21.527	228	1823564	27.177	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	1010125	23.150	ng/ul	99
87) Chrysene	21.592	228	1675731	26.876	ng/ul	99
89) Di-n-octyl phthalate	22.692	149	1820342	24.788	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	1898294	28.139	ng/ul	98
91) Benzo(k)fluoranthene	23.874	252	1932420	28.703	ng/ul#	98
93) Benzo(a)pyrene	24.698	252	1688676	26.489	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.633	276	2097305m	25.531	ng/ul	
95) Dibenzo(a,h)anthracene	28.686	278	1723372	25.335	ng/ul	98
96) Benzo(g,h,i)perylene	29.786	276	1608452	24.042	ng/ul	96

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

