

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
 Data File : BP021461.D
 Acq On : 09 Aug 2024 00:07
 Operator : RC/JU
 Sample : P3433-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E05Y9MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 03:45:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 18:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	181629	20.000	ng/u1	0.00
20) Naphthalene-d8	10.369	136	703487	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	410158	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	980983	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	962260	20.000	ng/u1	0.00
88) Perylene-d12	24.798	264	1081288	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	16070	4.026	ng/uL	0.00
4) Pyridine-d5	3.575	84	207119	17.924	ng/u1	0.00
7) Phenol-d5	6.822	99	347826	23.490	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.957	67	220809	24.606	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	288776	23.670	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	288225	23.436	ng/u1	-0.01
21) Nitrobenzene-d5	8.769	128	138530	25.353	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	158884	25.405	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	262547	23.217	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.540	131	384824	25.687	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	823326	27.613	ng/u1	0.00
49) Acenaphthylene-d8	13.934	160	901055	26.914	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	145680m	34.340	ng/u1	0.00
60) Fluorene-d10	15.263	176	701724	28.687	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	126263	21.273	ng/u1	0.00
73) Anthracene-d10	17.169	188	1296886	29.765	ng/u1	0.00
81) Pyrene-d10	19.557	212	1605649	26.990	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.557	264	1698744	31.854	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	52980	12.069	ng/uL	88
5) Pyridine	3.593	79	304511	25.550	ng/u1	96
6) Benzaldehyde	6.787	77	269823	36.144	ng/u1	100
8) Phenol	6.852	94	477482	31.866	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.046	93	369632	29.862	ng/u1	97
12) 2-Chlorophenol	7.181	128	375786	30.732	ng/u1	97
13) 2-Methylphenol	8.075	108	355407	30.670	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.110	45	568965	31.816	ng/u1#	93
16) Acetophenone	8.434	105	583278	30.729	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.404	70	293906	29.551	ng/u1	99
18) 4-Methylphenol	8.404	108	384474	30.969	ng/u1	95
19) Hexachloroethane	8.640	117	161522	29.395	ng/u1	100
22) Nitrobenzene	8.810	77	447297	34.173	ng/u1	96
23) Isophorone	9.322	82	811818	31.198	ng/u1	98
25) 2-Nitrophenol	9.510	139	213346	32.709	ng/u1	95
26) 2,4-Dimethylphenol	9.587	107	413528	32.151	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.793	93	452192	28.589	ng/u1	100
29) 2,4-Dichlorophenol	10.063	162	325771	29.230	ng/u1	98
30) Naphthalene	10.416	128	1181085	31.918	ng/u1	100
32) 4-Chloroaniline	10.569	127	397734	27.802	ng/u1	100
33) Hexachlorobutadiene	10.675	225	262077	31.362	ng/u1	99
34) Caprolactam	11.398	113	117253m	34.152	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	418439	34.541	ng/u1	99
36) 2-Methylnaphthalene	12.034	142	819094	32.247	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	823957	31.540	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.410	216	484599	36.381	ng/ul	98
40) Hexachlorocyclopentadiene	12.357	237	93761	13.456	ng/ul	100
41) 2,4,6-Trichlorophenol	12.681	196	298677	35.486	ng/ul	99
42) 2,4,5-Trichlorophenol	12.792	196	322583	36.224	ng/ul	100
43) 1,1'-Biphenyl	13.063	154	1090301	36.374	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	853108	35.651	ng/ul	99
45) 2-Nitroaniline	13.363	65	271112	40.969	ng/ul	93
47) Dimethylphthalate	13.716	163	931601	30.793	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	189170	31.275	ng/ul	99
50) Acenaphthylene	13.969	152	1123391	29.636	ng/ul	99
51) 3-Nitroaniline	14.210	138	180718	34.335	ng/ul	95
52) Acenaphthene	14.304	153	777077	30.886	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	90292m	28.426	ng/ul	
55) 4-Nitrophenol	14.586	109	78332	22.699	ng/ul	88
56) Dibenzofuran	14.657	168	1090285	31.645	ng/ul	98
57) 2,4-Dinitrotoluene	14.686	165	286158	34.464	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.916	232	249277	32.689	ng/ul	92
59) Diethylphthalate	15.092	149	938319	31.034	ng/ul	99
61) Fluorene	15.316	166	907180	32.267	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.310	204	484480	31.757	ng/ul	97
63) 4-Nitroaniline	15.410	138	175653	40.298	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.463	198	164411	26.120	ng/ul	99
67) N-Nitrosodiphenylamine	15.545	169	774181	27.101	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	318474	27.698	ng/ul	98
69) Hexachlorobenzene	16.345	284	386870	29.344	ng/ul	98
70) Atrazine	16.528	200	264259	25.383	ng/ul	99
71) Pentachlorophenol	16.733	266	196653	27.464	ng/ul	97
72) Phenanthrene	17.104	178	1652196	32.466	ng/ul	99
74) Anthracene	17.210	178	1646657	31.740	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	466979	29.742	ng/ul	99
76) Pentachlorobenzene	14.569	250	424229	27.191	ng/ul	98
77) Carbazole	17.510	167	1503564	35.453	ng/ul	99
78) Di-n-butylphthalate	18.063	149	1895940	32.403	ng/ul	100
80) Fluoranthene	19.204	202	1998545	27.818	ng/ul	98
82) Pyrene	19.586	202	2104268	28.783	ng/ul	99
83) Butylbenzylphthalate	20.521	149	840124	27.581	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.416	252	584126	26.565	ng/ul	99
85) Benzo(a)anthracene	21.492	228	2111183	31.320	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1232420	28.115	ng/ul	100
87) Chrysene	21.557	228	1971959	31.483	ng/ul	100
89) Di-n-octyl phthalate	22.621	149	2126273	29.767	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	2160268	32.922	ng/ul	99
91) Benzo(k)fluoranthene	23.810	252	2051185	31.323	ng/ul	100
93) Benzo(a)pyrene	24.633	252	1869382	30.148	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.521	276	2491230	31.178	ng/ul	98
95) Dibenzo(a,h)anthracene	28.562	278	2034014	30.741	ng/ul	100
96) Benzo(g,h,i)perylene	29.674	276	1923913	29.565	ng/ul	99

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

