

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
 Data File : BP022236.D
 Acq On : 04 Oct 2024 19:48
 Operator : RC/JU
 Sample : P4022-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC70MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 04 22:25:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 05:25:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	121031	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	475866	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.310	164	378405	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.116	188	888519	20.000	ng/u1	0.02
79) Chrysene-d12	21.533	240	972771	20.000	ng/u1	0.00
88) Perylene-d12	24.815	264	1153721	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	11516	3.727	ng/uL	0.00
4) Pyridine-d5	3.634	84	63983	7.244	ng/u1	0.00
7) Phenol-d5	6.910	99	92576	9.351	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.034	67	162532	26.661	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	203513	28.411	ng/u1	0.01
15) 4-Methylphenol-d8	8.404	113	158012	20.141	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	111057	31.181	ng/u1	0.00
24) 2-Nitrophenol-d4	9.545	143	131248	32.500	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	283319	32.305	ng/u1	0.01
31) 4-Chloroaniline-d4	10.604	131	64189	6.134	ng/u1	0.02
46) Dimethylphthalate-d6	13.722	166	959790	32.812	ng/u1	0.02
49) Acenaphthylene-d8	14.004	160	983069	31.743	ng/u1	0.02
54) 4-Nitrophenol-d4	14.551	143	49864m	9.966	ng/u1	0.04
60) Fluorene-d10	15.322	176	834217	32.241	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.439	200	209992	38.067	ng/u1	0.00
73) Anthracene-d10	17.216	188	1369183	33.009	ng/u1	0.01
81) Pyrene-d10	19.586	212	1784376	35.406	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.598	264	2063067	33.998	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	15591	4.658	ng/uL	97
5) Pyridine	3.652	79	74152	8.264	ng/u1	99
6) Benzaldehyde	6.857	77	268348	47.914	ng/u1#	1
8) Phenol	6.934	94	103303	9.998	ng/u1#	48
10) Bis(2-Chloroethyl)ether	7.128	93	224949	28.446	ng/u1	96
12) 2-Chlorophenol	7.281	128	210948	28.407	ng/u1	97
13) 2-Methylphenol	8.145	108	174491	23.286	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.210	45	203351	27.720	ng/u1	95
16) Acetophenone	8.493	105	935646	71.699	ng/u1#	48
17) N-Nitroso-di-n-propyla...	8.493	70	198115	29.285	ng/u1#	93
18) 4-Methylphenol	8.469	108	169779	20.777	ng/u1	96
19) Hexachloroethane	8.763	117	183350m	52.304	ng/u1	
22) Nitrobenzene	8.875	77	313321	28.773	ng/u1	97
23) Isophorone	9.398	82	1078312	57.169	ng/u1	98
25) 2-Nitrophenol	9.581	139	140159	32.437	ng/u1	99
26) 2,4-Dimethylphenol	9.651	107	236739	24.185	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.875	93	320026	29.434	ng/u1	95
29) 2,4-Dichlorophenol	10.122	162	306323	35.156	ng/u1	98
30) Naphthalene	10.510	128	1806499	72.148	ng/u1	100
32) 4-Chloroaniline	10.628	127	69628	6.718	ng/u1	97
33) Hexachlorobutadiene	10.792	225	220456	28.498	ng/u1	98
34) Caprolactam	11.539	113	19561m	7.401	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	296970	31.504	ng/u1	97
36) 2-Methylnaphthalene	12.116	142	1424177	76.537	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	1088923	58.025	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.486	216	421186	30.021	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	209226	23.709	ng/ul	98
41) 2,4,6-Trichlorophenol	12.733	196	377723	45.037	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	344561	37.938	ng/ul	99
43) 1,1'-Biphenyl	13.133	154	896753	33.139	ng/ul	97
44) 2-Chloronaphthalene	13.181	162	689603	31.652	ng/ul	99
45) 2-Nitroaniline	13.381	65	215869	34.265	ng/ul	91
47) Dimethylphthalate	13.769	163	945918	32.196	ng/ul	99
48) 2,6-Dinitrotoluene	13.886	165	199762	35.467	ng/ul	96
50) Acenaphthylene	14.033	152	1036329	32.088	ng/ul	97
51) 3-Nitroaniline	14.228	138	74353	14.500	ng/ul	91
52) Acenaphthene	14.375	153	755336	32.188	ng/ul	98
53) 2,4-Dinitrophenol	14.433	184	119686	31.231	ng/ul	99
55) 4-Nitrophenol	14.569	109	57687	10.191	ng/ul	92
56) Dibenzofuran	14.710	168	1105113	31.676	ng/ul	97
57) 2,4-Dinitrotoluene	14.686	165	295112	34.000	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.980	232	9461650	1082.272	ng/ul	96
59) Diethylphthalate	15.151	149	931176	32.025	ng/ul	98
61) Fluorene	15.375	166	955512	32.933	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.369	204	524249	31.385	ng/ul	99
63) 4-Nitroaniline	15.392	138	97885	18.756	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.451	198	268161	44.651	ng/ul	98
67) N-Nitrosodiphenylamine	15.592	169	785844	33.580	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	386458	36.219	ng/ul	97
69) Hexachlorobenzene	16.398	284	465481	35.928	ng/ul	93
70) Atrazine	16.610	200	158889	15.220	ng/ul	99
71) Pentachlorophenol	16.816	266	26065927m	3015.443	ng/ul	
72) Phenanthrene	17.157	178	1618845	34.749	ng/ul	100
74) Anthracene	17.251	178	1525576	32.180	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	416393	31.230	ng/ul	98
76) Pentachlorobenzene	14.633	250	474916	32.390	ng/ul	99
77) Carbazole	17.516	167	1327352	31.768	ng/ul	99
78) Di-n-butylphthalate	18.116	149	1734552	36.007	ng/ul	99
80) Fluoranthene	19.233	202	2016533	35.008	ng/ul	99
82) Pyrene	19.615	202	2138342	34.488	ng/ul	96
83) Butylbenzylphthalate	20.562	149	785650	36.358	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	23125	1.038	ng/ul#	94
85) Benzo(a)anthracene	21.515	228	2200993	32.832	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	1155108	36.434	ng/ul	98
87) Chrysene	21.580	228	2074883	32.978	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1963578	34.452	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	2433784	33.982	ng/ul	100
91) Benzo(k)fluoranthene	23.851	252	2344215	32.841	ng/ul	99
93) Benzo(a)pyrene	24.668	252	2051296	31.083	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.527	276	2978089m	34.610	ng/ul	
95) Dibenzo(a,h)anthracene	28.621	278	2403766	34.678	ng/ul	98
96) Benzo(g,h,i)perylene	29.703	276	2289042	34.284	ng/ul	99

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

