

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
 Data File : BP021804.D
 Acq On : 04 Sep 2024 02:21
 Operator : RC/JU
 Sample : PB163035BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS035

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 04 05:44:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 29 23:56:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	362267	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1485853	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	950340	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.215	188	2044858	20.000	ng/u1	-0.01
79) Chrysene-d12	21.674	240	1940224	20.000	ng/u1	0.00
88) Perylene-d12	25.074	264	2197870	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	63568	5.826	ng/uL	0.00
4) Pyridine-d5	3.687	84	794444	25.171	ng/u1	0.00
7) Phenol-d5	6.951	99	1034446	26.757	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	557893	26.516	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	672628	26.948	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	776194	25.981	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	333130	27.867	ng/u1	0.00
24) 2-Nitrophenol-d4	9.645	143	348447	28.716	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	656936	27.473	ng/u1	0.00
31) 4-Chloroaniline-d4	10.692	131	810185	23.289	ng/u1	0.00
46) Dimethylphthalate-d6	13.822	166	1994276	27.425	ng/u1	-0.02
49) Acenaphthylene-d8	14.104	160	2242792	27.471	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.621	143	391836	28.323	ng/u1	0.00
60) Fluorene-d10	15.421	176	1694391	27.716	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.545	200	320418	28.490	ng/u1	-0.01
73) Anthracene-d10	17.315	188	2605651	26.849	ng/u1	-0.02
81) Pyrene-d10	19.692	212	3238070	29.195	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.844	264	3285038	28.030	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	113381	9.777	ng/uL	96
5) Pyridine	3.704	79	784650	24.879	ng/u1	99
6) Benzaldehyde	6.922	77	438895	22.195	ng/u1	99
8) Phenol	6.981	94	1077075	26.718	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.204	93	843169	26.908	ng/u1	98
12) 2-Chlorophenol	7.345	128	717080	27.372	ng/u1	98
13) 2-Methylphenol	8.216	108	752578	25.878	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.298	45	818123m	27.050	ng/u1	
16) Acetophenone	8.592	105	1255112	26.206	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.581	70	576463	25.505	ng/u1	96
18) 4-Methylphenol	8.545	108	829683	26.059	ng/u1	100
19) Hexachloroethane	8.857	117	325922	27.824	ng/u1	97
22) Nitrobenzene	8.969	77	920964	27.629	ng/u1	99
23) Isophorone	9.498	82	1755974	26.252	ng/u1	99
25) 2-Nitrophenol	9.675	139	384369	28.590	ng/u1	98
26) 2,4-Dimethylphenol	9.739	107	697177	21.128	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.975	93	1123606	26.785	ng/u1	98
29) 2,4-Dichlorophenol	10.210	162	652258	27.145	ng/u1	99
30) Naphthalene	10.616	128	2264092	27.036	ng/u1	99
32) 4-Chloroaniline	10.722	127	761524	21.682	ng/u1	98
33) Hexachlorobutadiene	10.904	225	432238	26.810	ng/u1	99
34) Caprolactam	11.498	113	253656	24.964	ng/u1	98
35) 4-Chloro-3-methylphenol	11.851	107	883007	27.765	ng/u1	98
36) 2-Methylnaphthalene	12.227	142	1497580	26.439	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	1497267	26.281	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	824249	27.519	ng/u1	98
40) Hexachlorocyclopentadiene	12.580	237	393033	22.868	ng/u1	99
41) 2,4,6-Trichlorophenol	12.839	196	469739	24.358	ng/u1	99
42) 2,4,5-Trichlorophenol	12.916	196	539011	25.884	ng/u1	99
43) 1,1'-Biphenyl	13.239	154	1974847	27.466	ng/u1	99
44) 2-Chloronaphthalene	13.280	162	1553782	27.561	ng/u1	99
45) 2-Nitroaniline	13.480	65	524850	29.718	ng/u1	98
47) Dimethylphthalate	13.863	163	2022847	27.781	ng/u1	99
48) 2,6-Dinitrotoluene	13.986	165	407443	30.341	ng/u1	97
50) Acenaphthylene	14.133	152	2496886	28.437	ng/u1	99
51) 3-Nitroaniline	14.316	138	423434	28.855	ng/u1	100
52) Acenaphthene	14.480	153	1651392	26.744	ng/u1	99
53) 2,4-Dinitrophenol	14.521	184	208217	25.900	ng/u1	96
55) 4-Nitrophenol	14.633	109	362672	28.630	ng/u1	95
56) Dibenzofuran	14.816	168	2340038	27.392	ng/u1	97
57) 2,4-Dinitrotoluene	14.780	165	607609	30.110	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.051	232	388946	21.679	ng/u1	97
59) Diethylphthalate	15.251	149	2052652	28.073	ng/u1	99
61) Fluorene	15.480	166	1893339	27.402	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.480	204	943583	27.178	ng/u1	99
63) 4-Nitroaniline	15.498	138	459503	32.400	ng/u1	96
66) 4,6-Dinitro-2-methylph...	15.557	198	348628	27.711	ng/u1	98
67) N-Nitrosodiphenylamine	15.692	169	1638031	27.230	ng/u1	99
68) 4-Bromophenyl-phenylether	16.386	248	618223	27.386	ng/u1	98
69) Hexachlorobenzene	16.510	284	725365	27.067	ng/u1	98
71) Pentachlorophenol	16.863	266	320917	18.711	ng/u1	100
72) Phenanthrene	17.257	178	3126166	27.847	ng/u1	99
74) Anthracene	17.357	178	3065642	26.955	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	824541	27.122	ng/uL	98
76) Pentachlorobenzene	14.739	250	796701	25.283	ng/uL	99
77) Carbazole	17.627	167	2924215	28.587	ng/u1	100
78) Di-n-butylphthalate	18.227	149	3656124	29.364	ng/u1	100
80) Fluoranthene	19.345	202	3806847	29.413	ng/u1	98
82) Pyrene	19.727	202	3985726	29.077	ng/u1	97
83) Butylbenzylphthalate	20.674	149	1718401	30.618	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.574	252	1272823	26.031	ng/u1	99
85) Benzo(a)anthracene	21.656	228	3953973	28.649	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.598	149	2523762	30.467	ng/u1	99
87) Chrysene	21.727	228	3712747	28.584	ng/u1	99
89) Di-n-octyl phthalate	22.898	149	4220082	30.334	ng/u1	100
90) Benzo(b)fluoranthene	24.003	252	4021151	29.240	ng/u1	98
91) Benzo(k)fluoranthene	24.074	252	3904459	29.001	ng/u1	100
93) Benzo(a)pyrene	24.927	252	3517484	27.763	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.932	276	4454362m	27.267	ng/u1	
95) Dibenzo(a,h)anthracene	29.032	278	3654361	27.838	ng/u1	99
96) Benzo(g,h,i)perylene	30.127	276	3608339	28.587	ng/u1	99

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

