

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
 Data File : BP021650.D
 Acq On : 26 Aug 2024 23:05
 Operator : RC/JU
 Sample : P3711-09MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E24A0MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024
 Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 27 00:33:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 23 17:51:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	369757	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1556250	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	1045444	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	2298182	20.000	ng/u1	0.00
79) Chrysene-d12	21.686	240	2278837	20.000	ng/u1	-0.03
88) Perylene-d12	25.104	264	2692305	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	39197	3.519	ng/uL	0.00
4) Pyridine-d5	3.693	84	235316	7.305	ng/u1	0.00
7) Phenol-d5	6.964	99	329404	8.348	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	529076	24.637	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	589459	23.138	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	542378	17.787	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	322755	25.778	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	346989	27.302	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	650475	25.972	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	762335	20.922	ng/u1	0.00
46) Dimethylphthalate-d6	13.840	166	2371102	29.641	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	2417975	26.922	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	144520	9.496	ng/u1	0.00
60) Fluorene-d10	15.445	176	1929736	28.694	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	404011	31.962	ng/u1	0.00
73) Anthracene-d10	17.345	188	3225627	29.574	ng/u1	0.00
81) Pyrene-d10	19.704	212	3912101	30.031	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.863	264	4374718	30.472	ng/u1	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	51029	4.311	ng/uL	97
5) Pyridine	3.711	79	258633	8.034	ng/u1	98
6) Benzaldehyde	6.940	77	547167	27.110	ng/u1	100
8) Phenol	6.987	94	361577	8.788	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.222	93	792554	24.781	ng/u1	98
12) 2-Chlorophenol	7.364	128	621042	23.226	ng/u1	99
13) 2-Methylphenol	8.234	108	599365	20.192	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	764389	24.762	ng/u1	97
16) Acetophenone	8.611	105	1235049	25.265	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.599	70	594772	25.782	ng/u1	98
18) 4-Methylphenol	8.558	108	597953	18.401	ng/u1	97
19) Hexachloroethane	8.875	117	231362	19.351	ng/u1	99
22) Nitrobenzene	8.981	77	891705	25.541	ng/u1	99
23) Isophorone	9.516	82	1854649	26.473	ng/u1	99
25) 2-Nitrophenol	9.693	139	382292	27.149	ng/u1	97
26) 2,4-Dimethylphenol	9.758	107	640319	18.527	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.987	93	1131387	25.750	ng/u1	99
29) 2,4-Dichlorophenol	10.234	162	655903	26.062	ng/u1	99
30) Naphthalene	10.634	128	2105599	24.006	ng/u1	99
32) 4-Chloroaniline	10.734	127	686833	18.671	ng/u1	98
33) Hexachlorobutadiene	10.928	225	373220	22.102	ng/u1	98
34) Caprolactam	11.510	113	56641	5.322	ng/u1	99
35) 4-Chloro-3-methylphenol	11.857	107	909754	27.312	ng/u1	99
36) 2-Methylnaphthalene	12.246	142	1510523	25.461	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	1527674	25.601	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	856263	25.987	ng/ul	100
40) Hexachlorocyclopentadiene	12.604	237	379566	20.075	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	598472	28.210	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	663915	28.982	ng/ul	98
43) 1,1'-Biphenyl	13.263	154	2091108	26.438	ng/ul	99
44) 2-Chloronaphthalene	13.304	162	1623336	26.176	ng/ul	98
45) 2-Nitroaniline	13.499	65	594015	30.575	ng/ul	97
47) Dimethylphthalate	13.893	163	2379999	29.713	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	488902	33.096	ng/ul	96
50) Acenaphthylene	14.157	152	2715528	28.113	ng/ul	100
51) 3-Nitroaniline	14.334	138	493249	30.555	ng/ul	98
52) Acenaphthene	14.504	153	1861381	27.402	ng/ul	99
53) 2,4-Dinitrophenol	14.546	184	265399	30.009	ng/ul	99
55) 4-Nitrophenol	14.646	109	146352	10.502	ng/ul	97
56) Dibenzofuran	14.845	168	2649598	28.195	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	742354	33.441	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.069	232	601341	30.469	ng/ul	98
59) Diethylphthalate	15.275	149	2475310	30.774	ng/ul	100
61) Fluorene	15.498	166	2230406	29.343	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	1106929	28.982	ng/ul	99
63) 4-Nitroaniline	15.516	138	540360	34.635	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.581	198	448871	31.746	ng/ul	99
67) N-Nitrosodiphenylamine	15.710	169	1963373	29.041	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	757684	29.864	ng/ul	98
69) Hexachlorobenzene	16.540	284	906158	30.086	ng/ul	98
70) Atrazine	16.692	200	592249	23.094	ng/ul	99
71) Pentachlorophenol	16.887	266	564374	29.278	ng/ul	98
72) Phenanthrene	17.287	178	3734554	29.599	ng/ul	99
74) Anthracene	17.381	178	3783286	29.598	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.228	216	856516	25.068	ng/ul	98
76) Pentachlorobenzene	14.763	250	947829	26.764	ng/ul	98
77) Carbazole	17.651	167	3565409	31.013	ng/ul	100
78) Di-n-butylphthalate	18.251	149	4602863	32.892	ng/ul	100
80) Fluoranthene	19.357	202	4701753	30.929	ng/ul	99
82) Pyrene	19.733	202	4896784	30.415	ng/ul	99
83) Butylbenzylphthalate	20.686	149	2147397	32.577	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.580	252	1478204	25.740	ng/ul	99
85) Benzo(a)anthracene	21.669	228	4962444	30.613	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.616	149	3178815	32.673	ng/ul	100
87) Chrysene	21.739	228	4611867	30.230	ng/ul	99
89) Di-n-octyl phthalate	22.927	149	5500256	32.275	ng/ul	100
90) Benzo(b)fluoranthene	24.021	252	5152934	30.588	ng/ul	99
91) Benzo(k)fluoranthene	24.092	252	5007678	30.364	ng/ul	98
93) Benzo(a)pyrene	24.939	252	4603972	29.665	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.980	276	6103210m	30.499	ng/ul	
95) Dibenzo(a,h)anthracene	29.068	278	4889306	30.405	ng/ul	99
96) Benzo(g,h,i)perylene	30.168	276	4743612	30.680	ng/ul	99

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

