

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021425\
 Data File : BP024057.D
 Acq On : 14 Feb 2025 12:02
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020661

Quant Time: Feb 18 14:16:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 13 12:56:03 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/18/2025
 Supervised By :Jagrut Upadhyay 02/18/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	414526	20.000	ng/u1	0.00
20) Naphthalene-d8	10.528	136	1655569	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	995201	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.169	188	1980705	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	2109197	20.000	ng/u1	0.00
88) Perylene-d12	24.939	264	2182431	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	87792	8.800	ng/uL	0.00
4) Pyridine-d5	3.699	84	617471	21.448	ng/u1	0.00
7) Phenol-d5	6.940	99	745150	20.313	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	405374	20.877	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	611419	21.224	ng/u1	0.00
15) 4-Methylphenol-d8	8.457	113	582895	19.451	ng/u1	0.00
21) Nitrobenzene-d5	8.899	128	283286	21.387	ng/u1	0.00
24) 2-Nitrophenol-d4	9.616	143	289661	20.267	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.151	165	566438	21.604	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	820122	20.916	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	1509038	20.329	ng/u1	-0.01
49) Acenaphthylene-d8	14.063	160	1825529	21.804	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	253823	17.218	ng/u1	-0.01
60) Fluorene-d10	15.375	176	1339741	21.432	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	203484	16.652	ng/u1	0.00
73) Anthracene-d10	17.263	188	2154455	22.153	ng/u1	0.00
81) Pyrene-d10	19.633	212	2487576	22.011	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.721	264	2468648	21.680	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	90969	8.670	ng/uL	100
5) Pyridine	3.717	79	626662	21.742	ng/u1	99
6) Benzaldehyde	6.905	77	463280	25.731	ng/u1	97
8) Phenol	6.969	94	777430	20.639	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.181	93	596077	20.788	ng/u1	100
12) 2-Chlorophenol	7.328	128	637514	21.481	ng/u1	98
13) 2-Methylphenol	8.199	108	567666	20.029	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.269	45	609399	20.600	ng/u1	98
16) Acetophenone	8.563	105	913079	19.931	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.552	70	409067	18.963	ng/u1	97
18) 4-Methylphenol	8.522	108	618679	19.674	ng/u1	100
19) Hexachloroethane	8.828	117	251135	21.400	ng/u1	97
22) Nitrobenzene	8.940	77	643755	22.395	ng/u1	98
23) Isophorone	9.463	82	1129727	19.465	ng/u1	99
25) 2-Nitrophenol	9.646	139	322008	20.656	ng/u1	99
26) 2,4-Dimethylphenol	9.704	107	623592	21.612	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.940	93	751434	20.785	ng/u1	99
29) 2,4-Dichlorophenol	10.181	162	569607	21.423	ng/u1	99
30) Naphthalene	10.575	128	1930048	21.779	ng/u1	100
32) 4-Chloroaniline	10.681	127	778437	21.036	ng/u1	100
33) Hexachlorobutadiene	10.863	225	353460	21.959	ng/u1	99
34) Caprolactam	11.457	113	177186	17.201	ng/u1	98
35) 4-Chloro-3-methylphenol	11.816	107	570507	19.960	ng/u1	99
36) 2-Methylnaphthalene	12.181	142	1292331	20.741	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	1281916	20.739	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.551	216	658118	22.369	ng/ul	99
40) Hexachlorocyclopentadiene	12.540	237	346316	20.889	ng/ul	99
41) 2,4,6-Trichlorophenol	12.793	196	420881	21.416	ng/ul	100
42) 2,4,5-Trichlorophenol	12.869	196	465391	21.971	ng/ul	99
43) 1,1'-Biphenyl	13.198	154	1655149	22.405	ng/ul	100
44) 2-Chloronaphthalene	13.240	162	1296585	22.525	ng/ul	100
45) 2-Nitroaniline	13.440	65	322513	21.528	ng/ul	94
47) Dimethylphthalate	13.822	163	1495701	20.251	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	294779	20.422	ng/ul	97
50) Acenaphthylene	14.087	152	1971012	22.106	ng/ul	99
51) 3-Nitroaniline	14.275	138	334131	21.064	ng/ul	98
52) Acenaphthene	14.434	153	1369023	21.657	ng/ul	100
53) 2,4-Dinitrophenol	14.481	184	149157	17.333	ng/ul	97
55) 4-Nitrophenol	14.604	109	198990	19.079	ng/ul	94
56) Dibenzofuran	14.775	168	1925079	21.977	ng/ul	99
57) 2,4-Dinitrotoluene	14.739	165	446373	20.791	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.004	232	373990	20.748	ng/ul	94
59) Diethylphthalate	15.204	149	1472670	19.901	ng/ul	99
61) Fluorene	15.434	166	1563106	21.511	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.428	204	769533	21.393	ng/ul	100
63) 4-Nitroaniline	15.451	138	354300	22.956	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.516	198	225850	16.811	ng/ul	98
67) N-Nitrosodiphenylamine	15.645	169	1316945	21.786	ng/ul	100
68) 4-Bromophenyl-phenylether	16.339	248	464113	20.769	ng/ul	99
69) Hexachlorobenzene	16.457	284	550800	20.343	ng/ul	97
70) Atrazine	16.622	200	474827	20.284	ng/ul	99
71) Pentachlorophenol	16.816	266	325458	19.542	ng/ul	99
72) Phenanthrene	17.204	178	2489388	22.255	ng/ul	99
74) Anthracene	17.304	178	2510450	22.255	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.163	216	650534	22.429	ng/ul	99
76) Pentachlorobenzene	14.692	250	672576	21.518	ng/ul	98
77) Carbazole	17.581	167	2343074	23.710	ng/ul	99
78) Di-n-butylphthalate	18.175	149	2592104	21.192	ng/ul	100
80) Fluoranthene	19.292	202	2887781	22.184	ng/ul	100
82) Pyrene	19.674	202	3061943	22.493	ng/ul	100
83) Butylbenzylphthalate	20.622	149	1241836	21.183	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.510	252	850617	18.640	ng/ul	99
85) Benzo(a)anthracene	21.586	228	3006941	21.680	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1813202	21.198	ng/ul	99
87) Chrysene	21.651	228	2818291	22.053	ng/ul	99
89) Di-n-octyl phthalate	22.798	149	2911099	22.252	ng/ul	100
90) Benzo(b)fluoranthene	23.886	252	2919319	22.045	ng/ul	100
91) Benzo(k)fluoranthene	23.957	252	2917781	21.978	ng/ul	99
93) Benzo(a)pyrene	24.798	252	2670567	21.595	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.750	276	3023934m	18.864	ng/ul	
95) Dibenzo(a,h)anthracene	28.821	278	2346768	18.047	ng/ul	98
96) Benzo(g,h,i)perylene	29.903	276	2417708	19.691	ng/ul	99

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

