

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030425\
 Data File : BP024145.D
 Acq On : 04 Mar 2025 10:18
 Operator : RC/JU
 Sample : SST01086
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST010624

Quant Time: Mar 04 14:43:32 2025
 Quant Title :
 QLast Update : Tue Mar 04 14:51:41 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 03/05/2025
 Supervised By :Jagrut Upadhyay 03/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	339449	20.000	ng/ul	0.00
20) Naphthalene-d8	10.528	136	1452623	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.393	164	925553	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1896667	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	2042514	20.000	ng/ul	0.00
88) Perylene-d12	25.039	264	2234752	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	32222	3.781	ng/uL	0.00
4) Pyridine-d5	3.681	84	216832	8.845	ng/ul	0.00
7) Phenol-d5	6.928	99	267858	8.894	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	159533	9.619	ng/ul	0.00
11) 2-Chlorophenol-d4	7.293	132	213761	9.246	ng/ul	0.00
15) 4-Methylphenol-d8	8.452	113	212189	8.923	ng/ul	0.00
21) Nitrobenzene-d5	8.899	128	108330	9.236	ng/ul	0.00
24) 2-Nitrophenol-d4	9.616	143	109807	8.967	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.158	165	205251	9.322	ng/ul	0.00
31) 4-Chloroaniline-d4	10.663	131	318004	9.449	ng/ul	0.00
46) Dimethylphthalate-d6	13.793	166	665431	9.922	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	755564	9.713	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.604	143	116939	8.516	ng/ul	0.00
60) Fluorene-d10	15.399	176	562085	9.864	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	91113	7.609	ng/ul	0.00
73) Anthracene-d10	17.293	188	888774	9.602	ng/ul	0.00
81) Pyrene-d10	19.675	212	1032725	10.092	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.792	264	1073124	9.262	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	33341	3.710	ng/uL	100
5) Pyridine	3.699	79	224759	9.055	ng/ul	99
6) Benzaldehyde	6.899	77	176359	11.357	ng/ul	100
8) Phenol	6.958	94	284351	9.085	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.175	93	224969	9.448	ng/ul	97
12) 2-Chlorophenol	7.322	128	228238	9.466	ng/ul	98
13) 2-Methylphenol	8.193	108	207333	9.065	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.264	45	246142	9.857	ng/ul	99
16) Acetophenone	8.564	105	355928	9.670	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.546	70	171809	9.953	ng/ul	98
18) 4-Methylphenol	8.517	108	232045	9.155	ng/ul	99
19) Hexachloroethane	8.822	117	92272	9.598	ng/ul	96
22) Nitrobenzene	8.940	77	247170	9.371	ng/ul	99
23) Isophorone	9.464	82	482404	9.764	ng/ul	98
25) 2-Nitrophenol	9.646	139	125753	9.273	ng/ul	99
26) 2,4-Dimethylphenol	9.711	107	230870	9.499	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.940	93	305057	9.706	ng/ul	99
29) 2,4-Dichlorophenol	10.187	162	211957	9.425	ng/ul	99
30) Naphthalene	10.581	128	754111	9.588	ng/ul	100
32) 4-Chloroaniline	10.687	127	308267	9.602	ng/ul	99
33) Hexachlorobutadiene	10.869	225	133204	9.673	ng/ul	99
34) Caprolactam	11.463	113	75874m	8.944	ng/ul	
35) 4-Chloro-3-methylphenol	11.822	107	222451	9.507	ng/ul	96
36) 2-Methylnaphthalene	12.193	142	517019	9.743	ng/ul	99
37) 1-Methylnaphthalene	12.416	142	518284	9.881	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.569	216	264625	9.461	ng/ul	98
40) Hexachlorocyclopentadiene	12.552	237	124196	8.544	ng/ul	97
41) 2,4,6-Trichlorophenol	12.810	196	164080	9.325	ng/ul	99
42) 2,4,5-Trichlorophenol	12.887	196	176916	9.237	ng/ul	98
43) 1,1'-Biphenyl	13.210	154	683121	9.706	ng/ul	100
44) 2-Chloronaphthalene	13.252	162	526633	9.646	ng/ul	99
45) 2-Nitroaniline	13.457	65	133260	9.382	ng/ul	97
47) Dimethylphthalate	13.846	163	660797	9.849	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	122277	9.293	ng/ul	94
50) Acenaphthylene	14.110	152	825836	9.798	ng/ul	100
51) 3-Nitroaniline	14.293	138	139109	9.094	ng/ul	97
52) Acenaphthene	14.457	153	576824	9.722	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	55356	6.748	ng/ul	97
55) 4-Nitrophenol	14.622	109	87075	9.148	ng/ul	95
56) Dibenzofuran	14.799	168	813887	9.948	ng/ul	98
57) 2,4-Dinitrotoluene	14.757	165	184044	9.397	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.028	232	150394	9.548	ng/ul	99
59) Diethylphthalate	15.228	149	654418	9.852	ng/ul	100
61) Fluorene	15.457	166	659786	9.864	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	317889	9.838	ng/ul	98
63) 4-Nitroaniline	15.475	138	148017	9.833	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.540	198	103166	7.894	ng/ul	96
67) N-Nitrosodiphenylamine	15.669	169	554478	9.589	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	197634	9.457	ng/ul	95
69) Hexachlorobenzene	16.493	284	246296	9.702	ng/ul	93
70) Atrazine	16.651	200	203078	9.700	ng/ul	97
71) Pentachlorophenol	16.845	266	131031	8.223	ng/ul	98
72) Phenanthrene	17.240	178	1039485	9.586	ng/ul	99
74) Anthracene	17.328	178	1053492	9.643	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	263029	9.209	ng/uL	98
76) Pentachlorobenzene	14.716	250	285157	9.548	ng/uL	99
77) Carbazole	17.610	167	979532	9.875	ng/ul	99
78) Di-n-butylphthalate	18.210	149	1084065	9.383	ng/ul	100
80) Fluoranthene	19.328	202	1200937	10.066	ng/ul	99
82) Pyrene	19.704	202	1313116	10.214	ng/ul	100
83) Butylbenzylphthalate	20.651	149	486035	9.376	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.551	252	393522	9.632	ng/ul	100
85) Benzo(a)anthracene	21.628	228	1294159	9.684	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.569	149	723561	9.301	ng/ul	100
87) Chrysene	21.698	228	1219770	9.717	ng/ul	100
89) Di-n-octyl phthalate	22.869	149	1181755	9.058	ng/ul	100
90) Benzo(h)fluoranthene	23.957	252	1262837	9.501	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	1270195	9.415	ng/ul	99
93) Benzo(a)pyrene	24.874	252	1187812	9.451	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.886	276	1497303m	9.009	ng/ul	
95) Dibenzo(a,h)anthracene	28.968	278	1219704	9.039	ng/ul	99
96) Benzo(g,h,i)perylene	30.086	276	1170466m	9.078	ng/ul	

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

