

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030425\
 Data File : BP024144.D
 Acq On : 04 Mar 2025 09:37
 Operator : RC/JU
 Sample : SST000585
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST0005623

Quant Time: Mar 04 13:42:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 04 13:32:01 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	260825	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	1059991	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.386	164	659913	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	1399835	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	1811012	20.000	ng/ul	0.00
88) Perylene-d12	25.057	264	2172340	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	12892	2.030	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.287	132	78732	4.345	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.893	128	37272	4.362	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	36089	3.948	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.157	165	67186	4.017	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.792	166	226253	4.620	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	249282	4.489	ng/ul	-0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.398	176	191821	4.634	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.304	188	316854	4.603	ng/ul	0.00
81) Pyrene-d10	19.680	212	393059	4.086	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.821	264	507021	4.479	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	13504	2.016	ng/uL	97
12) 2-Chlorophenol	7.322	128	83297	4.455	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.546	70	59934	4.474	ng/ul	98
19) Hexachloroethane	8.816	117	34706	4.684	ng/ul	98
22) Nitrobenzene	8.934	77	88862	4.768	ng/ul	97
23) Isophorone	9.457	82	160581	4.370	ng/ul	99
25) 2-Nitrophenol	9.646	139	41251	4.113	ng/ul	94
26) 2,4-Dimethylphenol	9.710	107	82047	4.477	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.934	93	105911	4.585	ng/ul	98
29) 2,4-Dichlorophenol	10.181	162	72221	4.261	ng/ul	99
30) Naphthalene	10.575	128	278439	4.897	ng/ul	99
33) Hexachlorobutadiene	10.863	225	46749	4.519	ng/ul	98
35) 4-Chloro-3-methylphenol	11.822	107	73102	4.073	ng/ul	95
36) 2-Methylnaphthalene	12.192	142	182944	4.631	ng/ul	95
37) 1-Methylnaphthalene	12.410	142	177479	4.533	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.563	216	93505	4.749	ng/ul	99
41) 2,4,6-Trichlorophenol	12.810	196	51643	3.978	ng/ul	98
42) 2,4,5-Trichlorophenol	12.887	196	57204	4.072	ng/ul	96
43) 1,1'-Biphenyl	13.210	154	242619	4.930	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	185865	4.846	ng/ul	99
45) 2-Nitroaniline	13.457	65	42402	4.243	ng/ul	95
47) Dimethylphthalate	13.839	163	228763	4.677	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	38378	4.020	ng/ul	95
50) Acenaphthylene	14.104	152	285019	4.816	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.457	153	204039	4.871	ng/ul	99
56) Dibenzofuran	14.798	168	282983	4.864	ng/ul	98
57) 2,4-Dinitrotoluene	14.757	165	58894	4.139	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.028	232	46794	3.959	ng/ul	95
59) Diethylphthalate	15.233	149	225104	4.577	ng/ul	100
61) Fluorene	15.457	166	232214	4.829	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	113220	4.780	ng/ul	99
67) N-Nitrosodiphenylamine	15.675	169	195522	4.562	ng/ul	98
68) 4-Bromophenyl-phenylether	16.369	248	67715	4.274	ng/ul	94
69) Hexachlorobenzene	16.492	284	85992	4.496	ng/ul	98
72) Phenanthrene	17.245	178	388764	4.908	ng/ul	99
74) Anthracene	17.339	178	384891	4.809	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.181	216	92139	4.452	ng/uL	98
76) Pentachlorobenzene	14.710	250	98177	4.443	ng/uL	99
78) Di-n-butylphthalate	18.216	149	372270	4.279	ng/ul	99
80) Fluoranthene	19.333	202	463342	4.177	ng/ul	99
82) Pyrene	19.710	202	524048	4.525	ng/ul	98
83) Butylbenzylphthalate	20.657	149	187854	3.736	ng/ul	94
85) Benzo(a)anthracene	21.639	228	566093	4.735	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	303743	4.105	ng/ul	99
87) Chrysene	21.710	228	541849	4.907	ng/ul	99
90) Benzo(b)fluoranthene	23.980	252	588938	4.491	ng/ul	100
91) Benzo(k)fluoranthene	24.051	252	609591	4.609	ng/ul	99
93) Benzo(a)pyrene	24.892	252	558946	4.556	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.909	276	751754m	4.693	ng/ul	
95) Dibenzo(a,h)anthracene	28.986	278	610308m	4.700	ng/ul	
96) Benzo(g,h,i)perylene	30.092	276	589548	4.812	ng/ul	98

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

