

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022670.D
 Acq On : 27 Oct 2024 10:15
 Operator : RC/JU
 Sample : PB164420BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS420

Quant Time: Oct 28 01:50:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 26 05:55:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :mohammad ahmed 10/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	85047	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	322913	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.263	164	227510	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.057	188	561261	20.000	ng/u1	-0.02
79) Chrysene-d12	21.486	240	680862	20.000	ng/u1	-0.01
88) Perylene-d12	24.756	264	762762	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	13017	5.948	ng/uL	-0.02
4) Pyridine-d5	3.593	84	191766	31.918	ng/u1	-0.02
7) Phenol-d5	6.846	99	240143	33.544	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	125654	29.863	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.193	132	180855	35.603	ng/u1	-0.01
15) 4-Methylphenol-d8	8.357	113	192456	33.686	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	85838	34.572	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	104349	36.301	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	229957	37.639	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.551	131	226151	31.327	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	593658	32.842	ng/u1	-0.01
49) Acenaphthylene-d8	13.951	160	645816	33.638	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.492	143	101180	33.365	ng/u1	-0.01
60) Fluorene-d10	15.269	176	530831	33.857	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.410	200	119677	32.421	ng/u1	0.00
73) Anthracene-d10	17.163	188	910876	34.499	ng/u1	0.00
81) Pyrene-d10	19.539	212	1225637	34.040	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.527	264	1432313	35.161	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	26144	11.110	ng/uL	97
5) Pyridine	3.616	79	187956	30.510	ng/u1	98
6) Benzaldehyde	6.816	77	20378	5.267	ng/u1	97
8) Phenol	6.869	94	248472	33.360	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.081	93	172634	30.969	ng/u1	96
12) 2-Chlorophenol	7.222	128	183156	34.868	ng/u1	98
13) 2-Methylphenol	8.093	108	180343	33.363	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.157	45	187521	28.945	ng/u1	98
16) Acetophenone	8.463	105	290706	30.821	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.446	70	144158	30.167	ng/u1	99
18) 4-Methylphenol	8.416	108	195423	32.589	ng/u1	100
19) Hexachloroethane	8.710	117	78071	31.913	ng/u1	88
22) Nitrobenzene	8.834	77	233253	31.473	ng/u1	97
23) Isophorone	9.351	82	405084	30.485	ng/u1	98
25) 2-Nitrophenol	9.534	139	108816	35.125	ng/u1	94
26) 2,4-Dimethylphenol	9.598	107	221589	32.908	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.822	93	229047	30.357	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	221280	36.779	ng/u1	98
30) Naphthalene	10.451	128	572905	33.310	ng/u1	99
32) 4-Chloroaniline	10.575	127	134195	18.832	ng/u1	96
33) Hexachlorobutadiene	10.734	225	179839	35.466	ng/u1	97
34) Caprolactam	11.357	113	60052m	30.960	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	223524	34.052	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	433226	34.315	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	422472	32.785	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	312324	37.127	ng/ul	90
40) Hexachlorocyclopentadiene	12.416	237	134132	26.170	ng/ul#	93
41) 2,4,6-Trichlorophenol	12.687	196	187328	35.402	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	198739	35.273	ng/ul	97
43) 1,1'-Biphenyl	13.087	154	536699	32.728	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	448346	33.398	ng/ul	97
45) 2-Nitroaniline	13.339	65	134526	33.561	ng/ul	96
47) Dimethylphthalate	13.716	163	574289	31.884	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	119677	35.127	ng/ul	96
50) Acenaphthylene	13.981	152	655008	32.873	ng/ul	99
51) 3-Nitroaniline	14.175	138	107912	33.724	ng/ul	98
52) Acenaphthene	14.322	153	465279	33.022	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	74478	29.712	ng/ul	98
55) 4-Nitrophenol	14.510	109	113312	33.667	ng/ul	94
56) Dibenzofuran	14.663	168	708595	33.480	ng/ul	100
57) 2,4-Dinitrotoluene	14.645	165	186155	35.163	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	188298	35.805	ng/ul	98
59) Diethylphthalate	15.098	149	552837	31.992	ng/ul	100
61) Fluorene	15.322	166	572574	33.202	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.316	204	326267	33.084	ng/ul	96
63) 4-Nitroaniline	15.357	138	128650	39.955	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.422	198	126082	31.710	ng/ul	98
67) N-Nitrosodiphenylamine	15.533	169	490816	32.655	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	227660	33.636	ng/ul	97
69) Hexachlorobenzene	16.345	284	283529	34.032	ng/ul	98
70) Atrazine	16.516	200	217585	34.827	ng/ul	97
71) Pentachlorophenol	16.710	266	187171	34.941	ng/ul	98
72) Phenanthrene	17.104	178	1006464	33.517	ng/ul	99
74) Anthracene	17.198	178	1035834	34.567	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	283742	33.202	ng/uL	97
76) Pentachlorobenzene	14.586	250	306490	32.442	ng/uL	99
77) Carbazole	17.480	167	911580	34.380	ng/ul	99
78) Di-n-butylphthalate	18.063	149	973339	33.176	ng/ul	99
80) Fluoranthene	19.192	202	1392099	33.632	ng/ul	99
82) Pyrene	19.569	202	1474923	33.246	ng/ul	99
83) Butylbenzylphthalate	20.521	149	504473	32.661	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	553439	34.099	ng/ul	98
85) Benzo(a)anthracene	21.468	228	1563772	32.762	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	693966	31.301	ng/ul	100
87) Chrysene	21.539	228	1474148	33.308	ng/ul	100
89) Di-n-octyl phthalate	22.645	149	1207437	33.279	ng/ul	100
90) Benzo(b)fluoranthene	23.727	252	1696472	35.334	ng/ul#	99
91) Benzo(k)fluoranthene	23.798	252	1655374	35.215	ng/ul#	99
93) Benzo(a)pyrene	24.598	252	1523771	34.483	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.450	276	1974240m	33.480	ng/ul	
95) Dibenzo(a,h)anthracene	28.521	278	1575953m	33.004	ng/ul	
96) Benzo(g,h,i)perylene	29.603	276	1526673	33.285	ng/ul	98

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

