

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023436.D
 Acq On : 16 Dec 2024 15:48
 Operator : RC/JU
 Sample : PB165586BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS586

Quant Time: Dec 16 23:36:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	117344	20.000	ng/u1	0.00
20) Naphthalene-d8	10.275	136	443858	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.145	164	333518	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.951	188	701204	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	730951	20.000	ng/u1	-0.01
88) Perylene-d12	24.539	264	866092	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	13699	4.298	ng/uL	0.00
4) Pyridine-d5	3.516	84	228620	27.894	ng/u1	0.00
7) Phenol-d5	6.752	99	283554	30.797	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	157698	27.148	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	199103	29.300	ng/u1	0.00
15) 4-Methylphenol-d8	8.257	113	213665	28.753	ng/u1	0.00
21) Nitrobenzene-d5	8.681	128	92704	27.970	ng/u1	0.00
24) 2-Nitrophenol-d4	9.387	143	112100	29.346	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	242687	30.102	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	235777	26.105	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	716969	27.692	ng/u1	0.00
49) Acenaphthylene-d8	13.834	160	751287	27.510	ng/u1	0.00
54) 4-Nitrophenol-d4	14.434	143	95647	30.146	ng/u1	0.02
60) Fluorene-d10	15.157	176	607935	26.695	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	105998	25.012	ng/u1	0.01
73) Anthracene-d10	17.045	188	957667	29.925	ng/u1	0.00
81) Pyrene-d10	19.439	212	1100718	28.823	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.327	264	1259533	27.166	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.140	88	28070	7.959	ng/uL	98
5) Pyridine	3.540	79	234751	28.040	ng/u1	92
6) Benzaldehyde	6.716	77	25435	4.832	ng/u1	97
8) Phenol	6.781	94	299753	31.272	ng/u1	91
10) Bis(2-Chloroethyl)ether	6.981	93	205153	27.114	ng/u1	98
12) 2-Chlorophenol	7.122	128	206332	28.964	ng/u1	97
13) 2-Methylphenol	7.999	108	211270	29.720	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.046	45	248423	26.999	ng/u1	97
16) Acetophenone	8.351	105	327685	26.200	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.328	70	179748	26.376	ng/u1	96
18) 4-Methylphenol	8.322	108	226858	29.567	ng/u1	93
19) Hexachloroethane	8.581	117	90973	26.228	ng/u1	97
22) Nitrobenzene	8.722	77	265533	26.329	ng/u1	98
23) Isophorone	9.234	82	497073	27.827	ng/u1	98
25) 2-Nitrophenol	9.422	139	118228	28.975	ng/u1	90
26) 2,4-Dimethylphenol	9.498	107	264117	29.231	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.704	93	275998	27.347	ng/u1	97
29) 2,4-Dichlorophenol	9.957	162	236595	29.610	ng/u1	99
30) Naphthalene	10.328	128	626713	26.971	ng/u1	100
32) 4-Chloroaniline	10.457	127	178887m	20.426	ng/u1	
33) Hexachlorobutadiene	10.604	225	183523	25.893	ng/u1	98
34) Caprolactam	11.257	113	71554m	30.691	ng/u1	
35) 4-Chloro-3-methylphenol	11.610	107	261027	30.085	ng/u1	95
36) 2-Methylnaphthalene	11.945	142	448266	26.015	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.169	142	455766	25.956	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.322	216	330365	27.144	ng/ul	97
40) Hexachlorocyclopentadiene	12.287	237	128891	22.041	ng/ul	99
41) 2,4,6-Trichlorophenol	12.581	196	224817	31.214	ng/ul	96
42) 2,4,5-Trichlorophenol	12.669	196	243264	31.611	ng/ul	99
43) 1,1'-Biphenyl	12.969	154	648704	27.451	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	523132	27.368	ng/ul	98
45) 2-Nitroaniline	13.245	65	167513	30.248	ng/ul	93
47) Dimethylphthalate	13.616	163	711222	27.886	ng/ul	99
48) 2,6-Dinitrotoluene	13.739	165	147262	30.134	ng/ul	92
50) Acenaphthylene	13.869	152	771480	27.740	ng/ul	100
51) 3-Nitroaniline	14.086	138	126845	30.970	ng/ul	99
52) Acenaphthene	14.216	153	554846	27.296	ng/ul	98
53) 2,4-Dinitrophenol	14.328	184	63480	20.144	ng/ul	91
55) 4-Nitrophenol	14.445	109	128998	30.179	ng/ul	90
56) Dibenzofuran	14.557	168	829699	26.876	ng/ul	96
57) 2,4-Dinitrotoluene	14.545	165	226664	28.784	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.804	232	213505	27.947	ng/ul	93
59) Diethylphthalate	14.992	149	693526	27.266	ng/ul	98
61) Fluorene	15.216	166	668492	26.595	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.204	204	382135	26.211	ng/ul	99
63) 4-Nitroaniline	15.275	138	132357	36.741	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.339	198	114342	25.434	ng/ul	98
67) N-Nitrosodiphenylamine	15.433	169	576010	32.168	ng/ul	100
68) 4-Bromophenyl-phenylether	16.133	248	254766	30.777	ng/ul	96
69) Hexachlorobenzene	16.239	284	300419	29.624	ng/ul	95
70) Atrazine	16.422	200	247966	31.824	ng/ul	99
71) Pentachlorophenol	16.610	266	179597	30.342	ng/ul	96
72) Phenanthrene	16.992	178	1051990	29.019	ng/ul	99
74) Anthracene	17.086	178	1066061	29.411	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.934	216	329919	32.641	ng/uL	99
76) Pentachlorobenzene	14.469	250	355858	31.942	ng/uL	99
77) Carbazole	17.375	167	937934	31.760	ng/ul	99
78) Di-n-butylphthalate	17.957	149	1096920	30.230	ng/ul	99
80) Fluoranthene	19.092	202	1270908	29.043	ng/ul	99
82) Pyrene	19.469	202	1355777	29.197	ng/ul	99
83) Butylbenzylphthalate	20.416	149	487623	30.320	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	414200	24.695	ng/ul#	99
85) Benzo(a)anthracene	21.363	228	1353809	27.620	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	699221	30.275	ng/ul#	98
87) Chrysene	21.421	228	1253143	26.678	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	1205261	28.493	ng/ul	100
90) Benzo(b)fluoranthene	23.545	252	1415666	26.016	ng/ul	100
91) Benzo(k)fluoranthene	23.604	252	1456249	26.897	ng/ul	99
93) Benzo(a)pyrene	24.392	252	1401744	28.411	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.127	276	1819747m	28.701	ng/ul	
95) Dibenzo(a,h)anthracene	28.168	278	1472389	29.018	ng/ul	99
96) Benzo(g,h,i)perylene	29.250	276	1394600m	28.728	ng/ul	

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

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