

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023467.D
 Acq On : 17 Dec 2024 15:32
 Operator : RC/JU
 Sample : PB165551BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS551

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 23:35:49 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	235853	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.275	136	883890	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.139	164	650769	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	1387895	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.386	240	1460124	20.000	ng/u1	# 0.00
88) Perylene-d12	24.562	264	1572835	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	30185	4.712	ng/uL	0.00
4) Pyridine-d5	3.516	84	438072	26.593	ng/u1	0.00
7) Phenol-d5	6.746	99	559959	30.259	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	331242	28.371	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.081	132	400132	29.296	ng/u1	0.00
15) 4-Methylphenol-d8	8.246	113	430271	28.808	ng/u1	-0.01
21) Nitrobenzene-d5	8.675	128	185798	28.150	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.381	143	219620	28.871	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.922	165	452378	28.177	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.428	131	451014	25.076	ng/u1	-0.01
46) Dimethylphthalate-d6	13.557	166	1292043	25.575	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	1426551	26.771	ng/u1	0.00
54) 4-Nitrophenol-d4	14.428	143	174805	28.236	ng/u1	0.02
60) Fluorene-d10	15.157	176	1103230	24.828	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	204832	24.420	ng/u1	0.01
73) Anthracene-d10	17.051	188	1798510	28.394	ng/u1	0.00
81) Pyrene-d10	19.451	212	2166078	28.395	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.333	264	2233342	26.525	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	64305	9.072	ng/uL	95
5) Pyridine	3.534	79	448127	26.631	ng/u1	90
6) Benzaldehyde	6.710	77	51873	4.903	ng/u1	97
8) Phenol	6.769	94	602682	31.283	ng/u1#	84
10) Bis(2-Chloroethyl)ether	6.969	93	440427	28.961	ng/u1	99
12) 2-Chlorophenol	7.110	128	414483	28.948	ng/u1	98
13) 2-Methylphenol	7.987	108	426318	29.838	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.040	45	559402	30.248	ng/u1	98
16) Acetophenone	8.340	105	648356	25.792	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.322	70	362289	26.449	ng/u1	94
18) 4-Methylphenol	8.310	108	462700	30.004	ng/u1	95
19) Hexachloroethane	8.569	117	180571	25.901	ng/u1	95
22) Nitrobenzene	8.716	77	545499	27.162	ng/u1	98
23) Isophorone	9.228	82	1004278	28.232	ng/u1	98
25) 2-Nitrophenol	9.410	139	234827	28.899	ng/u1#	83
26) 2,4-Dimethylphenol	9.487	107	491508	27.317	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.698	93	591411	29.427	ng/u1	98
29) 2,4-Dichlorophenol	9.951	162	445479	27.997	ng/u1	99
30) Naphthalene	10.322	128	1231196	26.608	ng/u1	100
32) 4-Chloroaniline	10.451	127	316144	18.128	ng/u1	99
33) Hexachlorobutadiene	10.593	225	317768	22.513	ng/u1	99
34) Caprolactam	11.245	113	138163m	29.759	ng/u1	
35) 4-Chloro-3-methylphenol	11.598	107	484271	28.029	ng/u1	97
36) 2-Methylnaphthalene	11.940	142	872529	25.428	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	882734	25.245	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.310	216	584182	24.599	ng/ul	98
40) Hexachlorocyclopentadiene	12.281	237	204703	17.940	ng/ul	100
41) 2,4,6-Trichlorophenol	12.575	196	400586	28.504	ng/ul	99
42) 2,4,5-Trichlorophenol	12.663	196	438580	29.208	ng/ul	99
43) 1,1'-Biphenyl	12.963	154	1197024	25.960	ng/ul#	97
44) 2-Chloronaphthalene	13.010	162	984486	26.396	ng/ul	96
45) 2-Nitroaniline	13.239	65	315301	29.178	ng/ul	93
47) Dimethylphthalate	13.610	163	1287879	25.879	ng/ul	98
48) 2,6-Dinitrotoluene	13.734	165	271121	28.433	ng/ul	91
50) Acenaphthylene	13.857	152	1447053	26.666	ng/ul	100
51) 3-Nitroaniline	14.081	138	240964	30.151	ng/ul	98
52) Acenaphthene	14.210	153	1039285	26.203	ng/ul	99
53) 2,4-Dinitrophenol	14.322	184	131170	21.332	ng/ul	89
55) 4-Nitrophenol	14.434	109	203298	24.375	ng/ul#	71
56) Dibenzofuran	14.551	168	1510269	25.072	ng/ul	94
57) 2,4-Dinitrotoluene	14.545	165	398111	25.909	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.798	232	368314	24.708	ng/ul#	93
59) Diethylphthalate	14.992	149	1263568	25.459	ng/ul	98
61) Fluorene	15.210	166	1248619	25.458	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.198	204	673640	23.680	ng/ul	100
63) 4-Nitroaniline	15.269	138	252088	35.863	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.333	198	223770	25.148	ng/ul	100
67) N-Nitrosodiphenylamine	15.433	169	1053957	29.737	ng/ul	99
68) 4-Bromophenyl-phenylether	16.128	248	429772	26.231	ng/ul	98
69) Hexachlorobenzene	16.239	284	486537	24.240	ng/ul	98
70) Atrazine	16.422	200	445869	28.911	ng/ul	100
71) Pentachlorophenol	16.610	266	312624	26.684	ng/ul	97
72) Phenanthrene	16.998	178	2079913	28.987	ng/ul	100
74) Anthracene	17.092	178	2097421	29.234	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.934	216	584178	29.200	ng/uL	98
76) Pentachlorobenzene	14.469	250	572878	25.979	ng/uL	99
77) Carbazole	17.380	167	1888688	32.312	ng/ul	98
78) Di-n-butylphthalate	17.957	149	2187414	30.457	ng/ul	99
80) Fluoranthene	19.098	202	2592934	29.663	ng/ul#	92
82) Pyrene	19.474	202	2709320	29.208	ng/ul#	92
83) Butylbenzylphthalate	20.421	149	1043494	32.481	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.292	252	842029	25.132	ng/ul#	97
85) Benzo(a)anthracene	21.368	228	2652256	27.088	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	1458349	31.610	ng/ul	99
87) Chrysene	21.433	228	2454665	26.161	ng/ul	100
89) Di-n-octyl phthalate	22.498	149	2616608	34.063	ng/ul	100
90) Benzo(b)fluoranthene	23.551	252	2664628	26.965	ng/ul#	98
91) Benzo(k)fluoranthene	23.621	252	2598600	26.429	ng/ul#	98
93) Benzo(a)pyrene	24.409	252	2468917	27.555	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.168	276	3171074	27.540	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.221	278	2555590m	27.734	ng/ul	
96) Benzo(g,h,i)perylene	29.250	276	2453868m	27.835	ng/ul	

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

