

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
 Data File : BP021668.D
 Acq On : 27 Aug 2024 12:31
 Operator : RC/JU
 Sample : PB162959BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS959

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/28/2024
 Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 27 23:02:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 05:11:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	373702	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1563806	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.446	164	1029386	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	2250565	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	2134744	20.000	ng/u1	0.01
88) Perylene-d12	25.116	264	2372487	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	61925	5.501	ng/uL	0.00
4) Pyridine-d5	3.687	84	809429	24.861	ng/u1	0.00
7) Phenol-d5	6.958	99	1089924	27.329	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	594079	27.372	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	698794	27.140	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	839793	27.250	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	358612	28.503	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	367387	28.767	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	712777	28.322	ng/u1	0.00
31) 4-Chloroaniline-d4	10.705	131	890601	24.324	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	2202755	27.966	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	2499494	28.264	ng/u1	0.00
54) 4-Nitrophenol-d4	14.640	143	435056	29.032	ng/u1	0.01
60) Fluorene-d10	15.457	176	1879653	28.385	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	341961	27.626	ng/u1	0.00
73) Anthracene-d10	17.345	188	2893077	27.086	ng/u1	0.00
81) Pyrene-d10	19.722	212	3594419	29.455	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.886	264	3576528	28.271	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	111584	9.327	ng/uL	96
5) Pyridine	3.705	79	807170	24.810	ng/u1	99
6) Benzaldehyde	6.934	77	469783	23.030	ng/u1	100
8) Phenol	6.987	94	1126106	27.080	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.217	93	885293	27.388	ng/u1	99
12) 2-Chlorophenol	7.364	128	746930	27.639	ng/u1	99
13) 2-Methylphenol	8.228	108	812789	27.093	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	863199	27.667	ng/u1	98
16) Acetophenone	8.611	105	1334453	27.010	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.599	70	634352	27.207	ng/u1	99
18) 4-Methylphenol	8.558	108	890653	27.118	ng/u1	99
19) Hexachloroethane	8.875	117	331798	27.458	ng/u1	99
22) Nitrobenzene	8.987	77	981174	27.968	ng/u1	99
23) Isophorone	9.516	82	1954598	27.765	ng/u1	100
25) 2-Nitrophenol	9.693	139	410118	28.984	ng/u1	97
26) 2,4-Dimethylphenol	9.752	107	776731	22.366	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.987	93	1218588	27.601	ng/u1	98
29) 2,4-Dichlorophenol	10.228	162	706925	27.954	ng/u1	99
30) Naphthalene	10.628	128	2391314	27.132	ng/u1	100
32) 4-Chloroaniline	10.728	127	834678	22.581	ng/u1	99
33) Hexachlorobutadiene	10.922	225	450025	26.522	ng/u1	99
34) Caprolactam	11.510	113	289264	27.049	ng/u1	98
35) 4-Chloro-3-methylphenol	11.863	107	951917	28.440	ng/u1	100
36) 2-Methylnaphthalene	12.240	142	1594715	26.750	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	1617380	26.974	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	900022	27.741	ng/ul	100
40) Hexachlorocyclopentadiene	12.599	237	430226	23.110	ng/ul	98
41) 2,4,6-Trichlorophenol	12.852	196	511820	24.502	ng/ul	98
42) 2,4,5-Trichlorophenol	12.922	196	592385	26.263	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	2123239	27.263	ng/ul	99
44) 2-Chloronaphthalene	13.299	162	1667739	27.311	ng/ul	100
45) 2-Nitroaniline	13.504	65	578698	30.251	ng/ul	96
47) Dimethylphthalate	13.893	163	2198220	27.872	ng/ul	99
48) 2,6-Dinitrotoluene	13.999	165	444229	30.541	ng/ul	99
50) Acenaphthylene	14.163	152	2743149	28.842	ng/ul	99
51) 3-Nitroaniline	14.334	138	474222	29.835	ng/ul	99
52) Acenaphthene	14.510	153	1801730	26.938	ng/ul	99
53) 2,4-Dinitrophenol	14.551	184	214242	24.603	ng/ul	99
55) 4-Nitrophenol	14.657	109	395003	28.788	ng/ul	98
56) Dibenzofuran	14.851	168	2541864	27.470	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	670319	30.667	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.081	232	434864	22.377	ng/ul	99
59) Diethylphthalate	15.281	149	2208511	27.885	ng/ul	98
61) Fluorene	15.516	166	2071668	27.680	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	1041196	27.686	ng/ul	99
63) 4-Nitroaniline	15.516	138	516484	33.621	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.593	198	367912	26.571	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	1791064	27.053	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	679592	27.353	ng/ul	98
69) Hexachlorobenzene	16.540	284	818585	27.753	ng/ul	99
70) Atrazine	16.692	200	18689	0.744	ng/ul	94
71) Pentachlorophenol	16.892	266	371475	19.679	ng/ul	99
72) Phenanthrene	17.292	178	3467340	28.063	ng/ul	98
74) Anthracene	17.387	178	3361138	26.852	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	882976	26.389	ng/uL	98
76) Pentachlorobenzene	14.769	250	888929	25.631	ng/uL	99
77) Carbazole	17.669	167	3279809	29.133	ng/ul	100
78) Di-n-butylphthalate	18.263	149	3927579	28.661	ng/ul	99
80) Fluoranthene	19.375	202	4240358	29.777	ng/ul	99
82) Pyrene	19.757	202	4381991	29.055	ng/ul	98
83) Butylbenzylphthalate	20.698	149	1860842	30.135	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.598	252	1345493	25.010	ng/ul	98
85) Benzo(a)anthracene	21.686	228	4331413	28.524	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.633	149	2700595	29.631	ng/ul	100
87) Chrysene	21.757	228	4024646	28.162	ng/ul	100
89) Di-n-octyl phthalate	22.939	149	4564668	30.396	ng/ul	100
90) Benzo(b)fluoranthene	24.033	252	4374921	29.471	ng/ul	99
91) Benzo(k)fluoranthene	24.110	252	4183373	28.786	ng/ul	99
93) Benzo(a)pyrene	24.963	252	3828602	27.994	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.992	276	4916594m	27.881	ng/ul	
95) Dibenzo(a,h)anthracene	29.086	278	4030476	28.443	ng/ul	99
96) Benzo(g,h,i)perylene	30.198	276	3936697	28.893	ng/ul	98

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

