

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
 Data File : BP022067.D
 Acq On : 26 Sep 2024 17:54
 Operator : RC/JU
 Sample : PB163541BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS541

Quant Time: Sep 27 01:40:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/27/2024
 Supervised By :mohammad ahmed 09/28/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	133258	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	517108	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	403049	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1021718	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1176047	20.000	ng/ul	0.01
88) Perylene-d12	24.839	264	1334998	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	18104	5.322	ng/uL	0.00
4) Pyridine-d5	3.634	84	256426	26.369	ng/ul	0.00
7) Phenol-d5	6.887	99	316478	29.033	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	189743	28.268	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	241200	30.583	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	265189	30.701	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	121656	31.433	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	141965	32.350	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	307832	32.301	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	330430	29.059	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	985171	31.620	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1037214	31.443	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	165282	31.014	ng/ul	0.00
60) Fluorene-d10	15.322	176	854915	31.021	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	181374	28.593	ng/ul	0.00
73) Anthracene-d10	17.222	188	1440444	30.199	ng/ul	0.00
81) Pyrene-d10	19.592	212	1921521	31.537	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.615	264	2219343	31.607	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	38766	10.519	ng/uL	99
5) Pyridine	3.652	79	252373	25.544	ng/ul	99
6) Benzaldehyde	6.858	77	205463	33.320	ng/ul	99
8) Phenol	6.916	94	324979	28.568	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.134	93	247742	28.454	ng/ul	98
12) 2-Chlorophenol	7.275	128	243202	29.745	ng/ul	98
13) 2-Methylphenol	8.140	108	241604	29.284	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.210	45	237020	29.345	ng/ul	98
16) Acetophenone	8.510	105	428937	29.854	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.499	70	229832	30.856	ng/ul	99
18) 4-Methylphenol	8.463	108	269927	30.002	ng/ul	98
19) Hexachloroethane	8.769	117	115945	30.041	ng/ul	99
22) Nitrobenzene	8.887	77	350095	29.586	ng/ul	98
23) Isophorone	9.405	82	631055	30.788	ng/ul	99
25) 2-Nitrophenol	9.593	139	148971	31.727	ng/ul	100
26) 2,4-Dimethylphenol	9.652	107	271769	25.550	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.881	93	357191	30.232	ng/ul	98
29) 2,4-Dichlorophenol	10.116	162	293359	30.983	ng/ul	98
30) Naphthalene	10.516	128	808880	29.728	ng/ul	99
32) 4-Chloroaniline	10.622	127	307380	27.294	ng/ul	99
33) Hexachlorobutadiene	10.799	225	250948	29.852	ng/ul	98
34) Caprolactam	11.404	113	98109m	34.158	ng/ul	
35) 4-Chloro-3-methylphenol	11.751	107	323555	31.587	ng/ul	99
36) 2-Methylnaphthalene	12.122	142	605010	29.921	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.346	142	600578	29.450	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.493	216	456199	30.529	ng/ul	97
40) Hexachlorocyclopentadiene	12.475	237	261914	27.864	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	282302	31.602	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	313122	32.369	ng/ul	97
43) 1,1'-Biphenyl	13.140	154	870978	30.219	ng/ul	98
44) 2-Chloronaphthalene	13.181	162	710993	30.638	ng/ul	97
45) 2-Nitroaniline	13.387	65	219686	32.739	ng/ul	93
47) Dimethylphthalate	13.769	163	967020	30.902	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	201114	33.524	ng/ul	95
50) Acenaphthylene	14.034	152	1041843	30.287	ng/ul	100
51) 3-Nitroaniline	14.222	138	178180	32.623	ng/ul	99
52) Acenaphthene	14.381	153	741319	29.659	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	88135	21.592	ng/ul	94
55) 4-Nitrophenol	14.551	109	191367	31.740	ng/ul	95
56) Dibenzofuran	14.716	168	1112638	29.942	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	307647	33.277	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.957	232	289740	31.116	ng/ul	99
59) Diethylphthalate	15.163	149	976653	31.535	ng/ul	99
61) Fluorene	15.381	166	905088	29.288	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.369	204	539003	30.295	ng/ul	99
63) 4-Nitroaniline	15.398	138	197202	35.475	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	195333	28.285	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	810049	30.102	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	383711	31.273	ng/ul	99
69) Hexachlorobenzene	16.398	284	460296	30.896	ng/ul	98
70) Atrazine	16.581	200	332167	27.670	ng/ul	99
71) Pentachlorophenol	16.763	266	273494	27.514	ng/ul	100
72) Phenanthrene	17.163	178	1612259	30.096	ng/ul	99
74) Anthracene	17.263	178	1596705	29.289	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	445637	29.066	ng/uL	97
76) Pentachlorobenzene	14.640	250	489458	29.030	ng/uL	99
77) Carbazole	17.528	167	1455357	30.290	ng/ul	99
78) Di-n-butylphthalate	18.128	149	1728797	31.209	ng/ul	99
80) Fluoranthene	19.245	202	2183708	31.357	ng/ul	98
82) Pyrene	19.622	202	2281786	30.440	ng/ul	99
83) Butylbenzylphthalate	20.575	149	852722	32.641	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	815669	30.292	ng/ul	100
85) Benzo(a)anthracene	21.533	228	2477050	30.563	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	1236240	32.253	ng/ul	99
87) Chrysene	21.604	228	2266429	29.796	ng/ul	99
89) Di-n-octyl phthalate	22.721	149	2122454	32.183	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	2571448	31.029	ng/ul	99
91) Benzo(k)fluoranthene	23.868	252	2526258	30.585	ng/ul	99
93) Benzo(a)pyrene	24.680	252	2344631	30.704	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.574	276	2947174m	29.600	ng/ul	
95) Dibenzo(a,h)anthracene	28.633	278	2377259	29.639	ng/ul	99
96) Benzo(g,h,i)perylene	29.727	276	2297792m	29.742	ng/ul	

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

