

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
 Data File : BP022049.D
 Acq On : 26 Sep 2024 05:40
 Operator : RC/JU
 Sample : P4130-08MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0H10MSD

Manual Integrations
 APPROVED

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

Quant Time: Sep 26 06:17:53 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	111472	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	450856	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	350241	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	868560	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	929030	20.000	ng/u1	0.00
88) Perylene-d12	24.810	264	1010837	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	15481	5.440	ng/uL	0.00
4) Pyridine-d5	3.634	84	107757	13.247	ng/u1	0.00
7) Phenol-d5	6.893	99	94135	10.324	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	175491	31.255	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	201636	30.563	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	166133	22.993	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	110037	32.608	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	132476	34.624	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	276642	33.294	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	295576	29.814	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1063560	39.283	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	997071	34.784	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	59124	12.767	ng/u1	0.00
60) Fluorene-d10	15.322	176	891001	37.205	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	226570	42.016	ng/u1	0.00
73) Anthracene-d10	17.216	188	1626834	40.121	ng/u1	0.00
81) Pyrene-d10	19.592	212	2129623	44.246	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	2292606	43.121	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	18183	5.898	ng/uL	96
5) Pyridine	3.658	79	115203	13.939	ng/u1	97
6) Benzaldehyde	6.858	77	200577	38.885	ng/u1	100
8) Phenol	6.916	94	106024	11.142	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.140	93	231943	31.846	ng/u1	98
12) 2-Chlorophenol	7.281	128	211775	30.964	ng/u1	98
13) 2-Methylphenol	8.146	108	179426	25.998	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	205771	30.455	ng/u1	99
16) Acetophenone	8.516	105	400444	33.318	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.499	70	213323	34.237	ng/u1	99
18) 4-Methylphenol	8.469	108	178998	23.784	ng/u1	98
19) Hexachloroethane	8.769	117	85556	26.500	ng/u1	96
22) Nitrobenzene	8.887	77	325969	31.595	ng/u1	99
23) Isophorone	9.410	82	607477	33.993	ng/u1	98
25) 2-Nitrophenol	9.593	139	141909	34.664	ng/u1	96
26) 2,4-Dimethylphenol	9.652	107	240450	25.927	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.881	93	337525	32.766	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	280418	33.968	ng/u1	99
30) Naphthalene	10.516	128	749994	31.615	ng/u1	100
32) 4-Chloroaniline	10.622	127	280098	28.526	ng/u1	99
33) Hexachlorobutadiene	10.799	225	213858	29.178	ng/u1	96
34) Caprolactam	11.416	113	24223m	9.673	ng/u1	
35) 4-Chloro-3-methylphenol	11.746	107	323501	36.223	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	589779	33.454	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	592672	33.333	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.487	216	432853	33.334	ng/ul	97
40) Hexachlorocyclopentadiene	12.469	237	205286	25.133	ng/ul	98
41) 2,4,6-Trichlorophenol	12.728	196	306344	39.463	ng/ul	97
42) 2,4,5-Trichlorophenol	12.804	196	335908	39.960	ng/ul	98
43) 1,1'-Biphenyl	13.140	154	854734	34.127	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	694060	34.418	ng/ul	98
45) 2-Nitroaniline	13.387	65	238799	40.953	ng/ul	94
47) Dimethylphthalate	13.763	163	1075378	39.546	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	223300	42.834	ng/ul	98
50) Acenaphthylene	14.034	152	1054436	35.274	ng/ul	99
51) 3-Nitroaniline	14.216	138	198693	41.864	ng/ul	96
52) Acenaphthene	14.387	153	779122	35.872	ng/ul	98
53) 2,4-Dinitrophenol	14.428	184	148246	41.794	ng/ul	95
55) 4-Nitrophenol	14.540	109	67426	12.869	ng/ul	93
56) Dibenzofuran	14.722	168	1195315	37.017	ng/ul	100
57) 2,4-Dinitrotoluene	14.687	165	342605	42.646	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.951	232	343669	42.472	ng/ul	99
59) Diethylphthalate	15.151	149	1110880	41.278	ng/ul	99
61) Fluorene	15.381	166	1011565	37.669	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.387	204	583280	37.727	ng/ul	99
63) 4-Nitroaniline	15.410	138	224957	46.570	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.457	198	242635	41.329	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	903348	39.488	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	422145	40.473	ng/ul	98
69) Hexachlorobenzene	16.410	284	523563	41.340	ng/ul	97
70) Atrazine	16.575	200	374573	36.705	ng/ul	99
71) Pentachlorophenol	16.757	266	353901	41.882	ng/ul	98
72) Phenanthrene	17.157	178	1816054	39.878	ng/ul	100
74) Anthracene	17.251	178	1840445	39.713	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	438724	33.661	ng/ul	99
76) Pentachlorobenzene	14.645	250	517351	36.095	ng/ul	98
77) Carbazole	17.534	167	1639584	40.142	ng/ul	99
78) Di-n-butylphthalate	18.128	149	2040566	43.333	ng/ul	99
80) Fluoranthene	19.251	202	2464226	44.794	ng/ul	99
82) Pyrene	19.628	202	2528628	42.702	ng/ul	98
83) Butylbenzylphthalate	20.569	149	961079	46.571	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	649703	30.544	ng/ul	100
85) Benzo(a)anthracene	21.516	228	2677162	41.815	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1378015	45.512	ng/ul	100
87) Chrysene	21.580	228	2473632	41.167	ng/ul	100
89) Di-n-octyl phthalate	22.710	149	2287883	45.817	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	2736057	43.602	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	2700748m	43.184	ng/ul	
93) Benzo(a)pyrene	24.657	252	2447189	42.324	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.527	276	3104471m	41.179	ng/ul	
95) Dibenzo(a,h)anthracene	28.621	278	2480695	40.846	ng/ul	97
96) Benzo(g,h,i)perylene	29.698	276	2439846m	41.708	ng/ul	

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

