

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
 Data File : BP023573.D
 Acq On : 23 Dec 2024 21:46
 Operator : RC/JU
 Sample : P5331-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2AQ1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 24 05:07:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 02:14:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	156395	20.000	ng/u1	0.02
20) Naphthalene-d8	10.269	136	567202	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.139	164	414893	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	899461	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.386	240	1053823	20.000	ng/u1	#-0.01
88) Perylene-d12	24.562	264	1193896	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	19853	4.674	ng/uL	0.01
4) Pyridine-d5	3.499	84	265934	24.345	ng/u1	0.01
7) Phenol-d5	6.734	99	365648	29.797	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.875	67	217727	28.123	ng/u1	0.02
11) 2-Chlorophenol-d4	7.069	132	256367	28.306	ng/u1	0.01
15) 4-Methylphenol-d8	8.246	113	267458	27.005	ng/u1	0.01
21) Nitrobenzene-d5	8.669	128	121812	28.760	ng/u1	0.01
24) 2-Nitrophenol-d4	9.375	143	147617	30.240	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	9.922	165	295657	28.697	ng/u1	0.00
31) 4-Chloroaniline-d4	10.428	131	304645	26.395	ng/u1	0.00
46) Dimethylphthalate-d6	13.551	166	923359	28.668	ng/u1	0.00
49) Acenaphthylene-d8	13.834	160	946454	27.859	ng/u1	0.00
54) 4-Nitrophenol-d4	14.422	143	116504	29.518	ng/u1	-0.04
60) Fluorene-d10	15.151	176	755162	26.656	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	162506	29.894	ng/u1	-0.02
73) Anthracene-d10	17.057	188	1236736	30.127	ng/u1	0.00
81) Pyrene-d10	19.451	212	1458982	26.499	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.345	264	1667100	26.084	ng/u1	-0.02
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.122	88	63215	13.449	ng/uL	98
5) Pyridine	3.516	79	402384	36.062	ng/u1#	88
6) Benzaldehyde	6.705	77	37206	5.304	ng/u1	96
8) Phenol	6.763	94	520034	40.707	ng/u1#	84
10) Bis(2-Chloroethyl)ether	6.963	93	390290	38.703	ng/u1	97
12) 2-Chlorophenol	7.099	128	355268	37.418	ng/u1	97
13) 2-Methylphenol	7.981	108	360019	38.000	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.028	45	461552	37.637	ng/u1	99
16) Acetophenone	8.340	105	569880	34.188	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.316	70	307123	33.814	ng/u1	93
18) 4-Methylphenol	8.310	108	385550	37.703	ng/u1	97
19) Hexachloroethane	8.563	117	159375	34.475	ng/u1	90
22) Nitrobenzene	8.710	77	472316	36.648	ng/u1	96
23) Isophorone	9.222	82	860483	37.696	ng/u1	98
25) 2-Nitrophenol	9.410	139	208211	39.931	ng/u1#	83
26) 2,4-Dimethylphenol	9.475	107	422354	36.579	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.698	93	515755	39.991	ng/u1	99
29) 2,4-Dichlorophenol	9.946	162	377622	36.983	ng/u1	98
30) Naphthalene	10.316	128	1076962	36.269	ng/u1	99
32) 4-Chloroaniline	10.451	127	266852	23.844	ng/u1	98
33) Hexachlorobutadiene	10.587	225	284193	31.377	ng/u1	98
34) Caprolactam	11.251	113	118007	39.609	ng/u1	97
35) 4-Chloro-3-methylphenol	11.598	107	416338	37.551	ng/u1	93
36) 2-Methylnaphthalene	11.934	142	777161	35.294	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.151	142	773647	34.479	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.310	216	518689	34.259	ng/ul	98
40) Hexachlorocyclopentadiene	12.275	237	177925	24.459	ng/ul	99
41) 2,4,6-Trichlorophenol	12.569	196	343951	38.388	ng/ul	99
42) 2,4,5-Trichlorophenol	12.663	196	370437	38.696	ng/ul	100
43) 1,1'-Biphenyl	12.957	154	1081123	36.777	ng/ul	98
44) 2-Chloronaphthalene	13.004	162	872556	36.696	ng/ul	96
45) 2-Nitroaniline	13.234	65	275744	40.025	ng/ul	92
47) Dimethylphthalate	13.598	163	1127667	35.543	ng/ul	99
48) 2,6-Dinitrotoluene	13.739	165	234052	38.501	ng/ul	88
50) Acenaphthylene	13.857	152	1295974	37.460	ng/ul	100
51) 3-Nitroaniline	14.081	138	202967	39.836	ng/ul	97
52) Acenaphthene	14.204	153	924436	36.558	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	148324	37.835	ng/ul	90
55) 4-Nitrophenol	14.439	109	185956	34.972	ng/ul#	77
56) Dibenzofuran	14.551	168	1351662	35.197	ng/ul	97
57) 2,4-Dinitrotoluene	14.551	165	356646	36.407	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.798	232	328518	34.567	ng/ul#	95
59) Diethylphthalate	14.986	149	1108583	35.035	ng/ul	99
61) Fluorene	15.216	166	1090322	34.869	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.204	204	591217	32.598	ng/ul	99
63) 4-Nitroaniline	15.281	138	219201m	48.914	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.333	198	230928	40.045	ng/ul	99
67) N-Nitrosodiphenylamine	15.428	169	952213	41.456	ng/ul	100
68) 4-Bromophenyl-phenylether	16.116	248	379349	35.726	ng/ul	99
69) Hexachlorobenzene	16.245	284	440963	33.899	ng/ul	97
70) Atrazine	16.416	200	394515	39.472	ng/ul	99
71) Pentachlorophenol	16.616	266	280255	36.911	ng/ul	96
72) Phenanthrene	16.998	178	1841312	39.597	ng/ul	99
74) Anthracene	17.092	178	1849316	39.773	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.922	216	515453	39.756	ng/ul	99
76) Pentachlorobenzene	14.469	250	518865	36.308	ng/ul	100
77) Carbazole	17.386	167	1690462	44.625	ng/ul	99
78) Di-n-butylphthalate	17.963	149	1942068	41.724	ng/ul	99
80) Fluoranthene	19.098	202	2300900	36.471	ng/ul#	92
82) Pyrene	19.474	202	2464313	36.810	ng/ul#	92
83) Butylbenzylphthalate	20.427	149	964979	41.618	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.298	252	751935	31.096	ng/ul#	99
85) Benzo(a)anthracene	21.363	228	2562607	36.263	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	1373553	41.251	ng/ul	100
87) Chrysene	21.427	228	2373677	35.051	ng/ul	99
89) Di-n-octyl phthalate	22.492	149	2427072	41.624	ng/ul	100
90) Benzo(b)fluoranthene	23.568	252	2708158	36.103	ng/ul#	98
91) Benzo(k)fluoranthene	23.639	252	2771391	37.133	ng/ul#	98
93) Benzo(a)pyrene	24.421	252	2528198	37.173	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.180	276	3381604m	38.690	ng/ul	
95) Dibenzo(a,h)anthracene	28.227	278	2719945	38.887	ng/ul#	98
96) Benzo(g,h,i)perylene	29.274	276	2594426m	38.770	ng/ul	

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

